

62
FALL 1959

cancels previous prices

CONTENTS **Page**

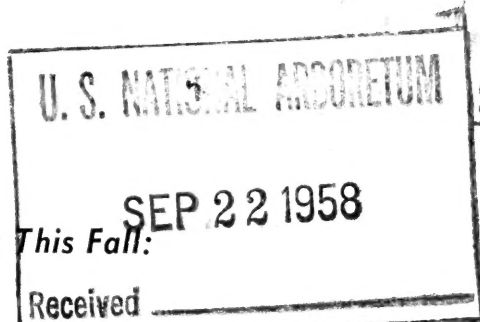
Quantity Prices	4 to 9
Evergreen Shrubs	10 to 13
Ground Covers	15
Hedges	14
Evergreen Trees	16, 17
Native Plants	18, 19

PLANT EARLY
September—October
PLANT LATE
November—December

Bulbs	20, 21
Perennials	22, 23
Trees	24 to 27
Shrubs	28 to 30
Vines	31
Fruit	32 to 35
Roses	36

**KELSEY
NURSERY
SERVICE**

Office, Highlands, N. J.



Donald R. Egolf

On Ordering This Fall:

July 1959

1. Spring is a ~~busy~~ time. Anything you can get done now is that much clear time for spring activities. You can get your planting done—safely and out of the way.
2. By spring plants are tired out with the long winter. Fall is the time all plants are filled with hormones and health. They take much more kindly at that time to transplanting. True, in spring they can start growing at once, in fall they must wait six months, but fall planting has a big health advantage for them. And when spring comes, they get all of it—right in your garden.
3. Evergreens planted in September do not have to wait. Their roots can start growth at once. The only danger is a dry autumn, and this very seldom occurs in climates of our customers. (North-east America)
4. Deciduous trees and shrubs may not grow in November-December, but their roots do settle firmly in the earth if solidly planted. No winter storage is as safe as nature's.
5. Some plants must be planted in fall—bulbs, peonies, etc. All can be so planted in the sizes we offer here. If not suitable, it is not listed in this catalog.

Established 1878

Kelsey Nursery Service

BULK RATE

U. S. POSTAGE
PAID
HIGHLANDS, N. J.
Permit No. 2

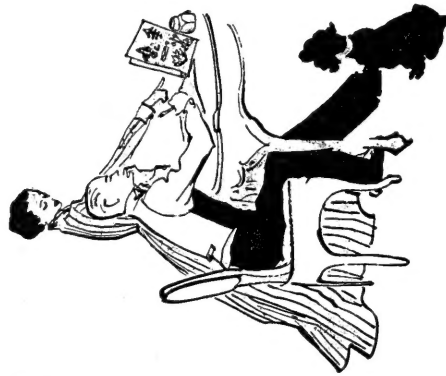
Donald R. Egolf
c/o U.S. National Arboretum
Washington 25, D. C.
us59

ORDER FORM

FALL 1959

**KELSEY
NURSERY
SERVICE**

**Highlands,
New Jersey**



Please send items listed to:

.....
.....
.....

Enclosed Find \$. ☐ Charge my account.

☐ **EXPRESS (Usual Method)** ☐ **PARCEL POST (4 ft. limit, no B&B stock.)** I will pay express on arrival. (Minimum express-
age \$2.20.)
enclose 10% additional for postage and handling.

TERMS OF SALE

PRICES—Net at the nursery. Transportation to be added at actual cost. Usually 5 sold at rate per 10, 50 at 100 rate. Single plants cannot be sold, except sizes offered at an "each" rate.

PACKING COSTS — Free if Cash accompanies order, except stock dug with a ball of earth. Otherwise, packing is charged at cost (usually 10% of cost of stock). Balled, heavy evergreens: we will estimate costs in advance if you wish.

LIMITED RESPONSIBILITY — We disclaim responsibility for any reason in amounts greater than invoiced.

CLAIMS for errors, shortages or other causes must be made within 10 days.

OUR GUARANTEE

We will allow a credit of 50% of the catalog value of any stock that dies the first year. Credit to be used on future orders. We also guarantee 100% safe, satisfactory arrival—but you must report trouble within 10 days.

(Add extra sheet if needed)

Cut Along Dotted Line

Leave Blank	Quantity	NAME OF PLANT	Size	Amount

BOOKS POST-PAID

Better Gardening (Manning). Thousands of gardeners have found this basic book of "more real help than a shelf of cyclopedias." "Exciting as a novel," "certainly no other book exists like it." If you have been confused by the complex rules and instructions in ordinary garden books, you will find here quick, sure enlightenment. Yet expert gardeners, even more than beginners, are writing about this book's surprising usefulness. "Pays for itself ten times over." \$4.30 postpaid

The Book of Trees (Hottes). Fine introduction to trees. Complete except on conifers. \$4.30

The Book of Shrubs (Hottes). Grand companion to the above. Complete, except Azaleas. \$4.30

Tree Experts Manual (Fenska). Outstanding chapters cover the diagnosis of tree trouble, when to spray, formulae, materials, tree feeding, soils, transplanting, pruning, wound dressing, bracing and cabling, tree surgery, selection of trees, etc. \$5.40

How To Increase Plants (Hottes). Presents all the methods followed by the commercial propagator. Written especially so that the amateur can readily increase his own plants. \$3.75

How To Landscape Your Grounds (Johnson). Not to be found in any other landscape book are its planting plans covering practically every section of the country. A complete guide to the planning, construction and planting of the garden and grounds. Postpaid, \$3.75

Success with Wild Flowers (Pellett). 200 pages, 116 illus. Includes most of the common wild flowers suited for the Northeastern States and the best from the West. Postpaid\$3.00

SAFE AUTUMN PLANTING



FALL 1959

OUR 82nd YEAR

CATALOG No. 164

Highlands, N. J.

KELSEY NURSERY SERVICE

RULES for SAFE AUTUMN PLANTING

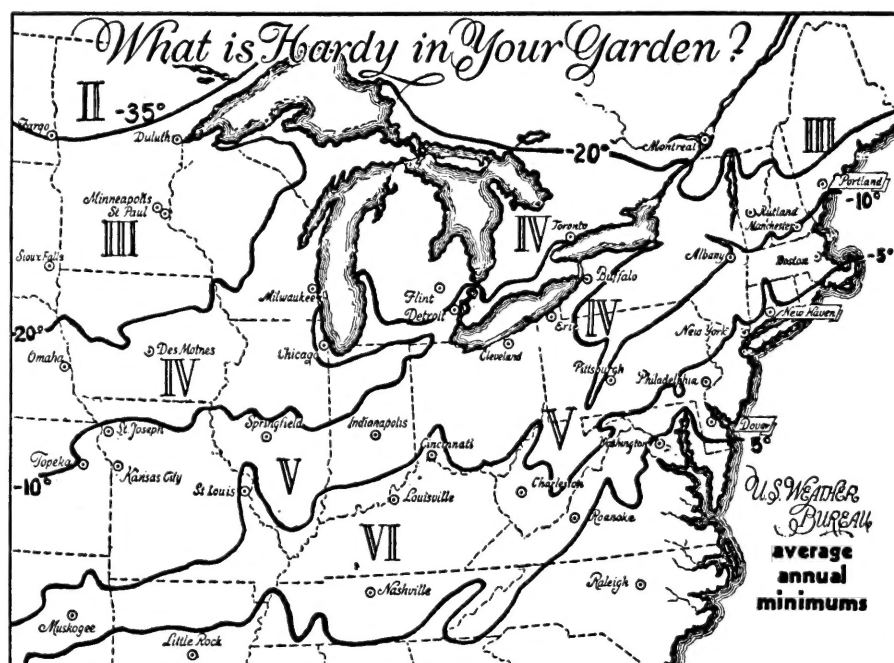
1. **Select hardy material.** Check zone map below to locate your own climate, compare with zone ratings in plant descriptions.
2. **Order early enough.** There is a right time for nearly all kinds of plants. The front cover shows an index of dates.
3. **Plants need watering,** even in fall with no growth of leaves, water freely until freeze-up for good root growth.
4. **Plant in proper soil.** Usually just good garden soil mixed with humus, but special treatment often noted in description.

How to Order

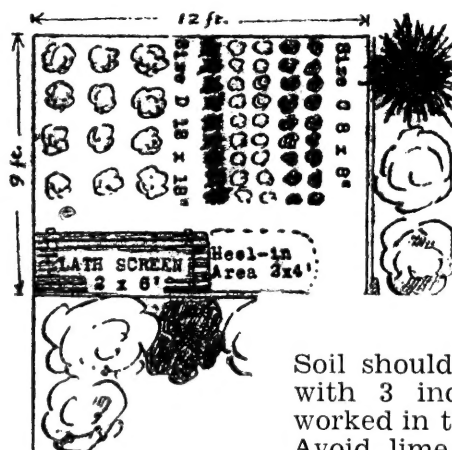
Fill in the order form and enclose check. Shipment is made with express charges collected on arrival. You will get a prompt acknowledgment indicating approximate shipping time.

ORDER NOW— DON'T WAIT

Unlike other things you buy, nursery stock must be ordered in advance—Why? Because our whole year's shipments come in a few months' time and there is never enough help. Shipments are scheduled long in advance. Order now, we will ship at proper time.



There is a northern limit for every plant, beyond which it cannot live. For practical use the map above divides the country into Zones. Each plant description in this Guide has a related Zone limit. Look up your garden on the map and you can select hardy material.



MINIMUM-SIZE HOME NURSERY

Save delays, money and labor.

The plan shows a 9 by 12 foot area for a nursery—no more space than used by a small specimen tree. Shrubby masks the area. The lath screen provides shade for 80 young plants, spaced 5"x5".

Soil should be sandy loam with 3 inches of manure worked in to a spade depth. Avoid lime.

Heel-in Area to temporarily plant a shipment of plants. They can safely remain for weeks. Water.

SIZES (see page 6)

"A" and "B" are seedlings and transplants. Need lath shade.

"C" are XX, twice transplanted. Space 8 inches.

"D" are young specimens. Space 18 inches.

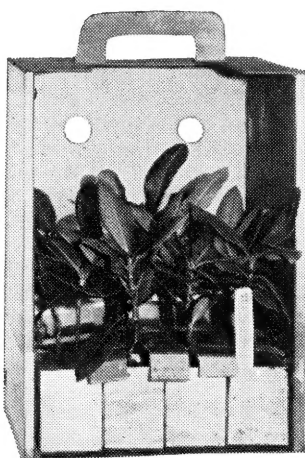


Photo: Hybrid Rhododendrons, our most popular item. Showing box and plant. Water well and protect from wind this winter.



BANDED PLANTS for

Safe and Easy

Plants arrive actually growing in 2-inch wooden bands (clip off when you plant). They don't know they've been transplanted! We cannot ship after Sept. 30, so ORDER NOW.

(Postpaid)

Sold only in } 12 one kind \$6.50
Boxes of 12 } 12 (6 each, 2 kinds) \$7.

Your HOME NURSERY

CULTURE: Treat like once transplanted. Shade is essential; use plenty of peat moss in soil.

AZALEA Mary Hawkins—bright pink. Zone V.

Purple Splendor—purple, double. Zone V.

Cameo—Double pink. Zone V.

Caroline Gable—single red. Zone V.

Corsage—single orchid. Zone V.

Amoena coccinea—Dwarf red. Zone V.

Flame—huge single red, dwarf growing.

Hinocrimson—Red, May, dwarf. Zone V.

Betty—brilliant rosy-pink, tall. Zone IV.

Fedora—large, tall salmon-rose. Zone IV.

Othello—large, tall, brick-red. Zone IV.

Stewartonian—fine red. Zone V.

Rosebud—dwarf double pink. Zone V.

Delaware Valley White—Single. Zone V.

AZALEA, Two Good Deciduous Kinds.

Mollis hybrids—mixed yellow and red.

Poukanensis—Zone IV. Purple May.

ABELIA grandiflora—pink-white all summer.

BERBERIS JULIANA—6 foot bush. Zone V.

Verruculosa—dwarf, yellow bloom.

BUXUS suffruticosa—dwarf Boxwood.

CAMELLIA SASANQUA. (Hardy to Zone VI).

Cleopatra—semi-double rose, peony-type.

Apple Blossom—single pink, charming.

Maidens Blush—single blush, very popular.

CHAMAECYPARIS obtusa nana.

COTONEASTER horizontalis—

red berry, spreads.

Salicifolia—red berry, tall arching.

ERICA darleyensis—dainty pink bells, March.

ILEX CORNUTA Bufordi—Chinese Holly.

ILEX CREN convexa—boxleaf Holly. Zone IV.

Crenata rotundifolia—Japan Holly.

ILEX OPACA—female, berried American Holly.

Opaca—male, pistillate American Holly.

pernyi—dwarf holly, red berries.

JUNIPER pfitzer—6 ft. spreading, popular.

glauca Hetzi—similar more vigorous.

Andorra—purple in winter, prostrate.

PIERIS japonica (Andromeda)—white, April.

PYRACANTHA Lalandi (Firethorn)—orange.

RHODODENDRON

HARDY HYBRID SEEDLINGS—mixed colors.

TAXUS Cuspidata (Spreading Yew)—broad, low.

Baccata repandens—Dwarf yew.

Capitata (Upright Yew)—tall pyramid.

nana ("Brevifolia")—dwarf yew.

Hicksi—fat, upright column to 6 feet.

Hatfield—Extra hardy, like Hicks.

VIBURNUM

Burkwoodi—white, May.

chenaulti—white, May. New.

rhytidophyllum (Leatherleaf).

GRADES OF NURSERY STOCK

Young



Indicates a small plant not yet shapely. (No mark at all indicates fairly shapely landscape grade.)

S

Seedlings not yet transplanted. Plant 3 in. apart in shaded beds, for evergreen kinds. Deciduous trees and shrubs are quicker growing and need less care, but should be cut back upon planting.

X

Transplants. Bushier roots and tops. Space 5 or 6 inches apart in beds for evergreens, and shade the first summer. In planting evergreens be careful to keep package moist, remove only one plant at a time to set in the ground, otherwise roots dry out. Deciduous trees and shrubs are much hardier and need no special care.

XX

Twice transplanted stock. Much bushier in roots and tops. In deciduous trees and shrubs, "XX" grades are specimens. In evergreens, which grow much more slowly, space 8 to 10 inches apart, at least, and no shade is needed. These are the largest evergreens that can be shipped with little expense, perhaps 10 to 15% for express.

POT

Any of the above can be grown in pots, and thus handled with a pot ball almost any time of year. Just dig a hole to fit, press earth around on all sides, soak. Space twice the size of the pot at least (2 inch pots space 4 inches, etc.). Very small pots need shade first year, larger sizes do not. Much safer than bare root stock, but costlier for express. Perhaps 25%.

BB

Balled and burlapped landscape specimens. Usually only evergreens are balled. Deciduous shrubs and trees are handled bare root in specimen sizes, the only special care is to watch they are not planted deeper than they stood in the nursery. (Check soil mark in lower stem.) B&B stock costs are high for express—50% of cost of stock or more. Bare root deciduous trees and shrubs cost 20% or less.

ABIES (Fir) (25) (100) (1000)

Balsamea (Balsam Fir). For wet land. Best Christmas tree.

4 to 6 in. S..	\$ 4.00	\$ 9.50	\$ 80.00
4 to 6 in. X..	8.00	20.00	190.00
9 to 12 in. X	12.50	45.00	300.00

Douglas Fir. (Pseudotsuga).

4 to 6 in. X....	6.00	20.00	160.00
9 to 12 in. X.....	9.00	35.00	300.00

PINUS (Pine).

mughus (Mugho Pine).

2 yr. 4 in. X..	7.00	25.00	195.00
4 to 6 in. X..	10.00	35.00	290.00

nigra (Austrian Pine).

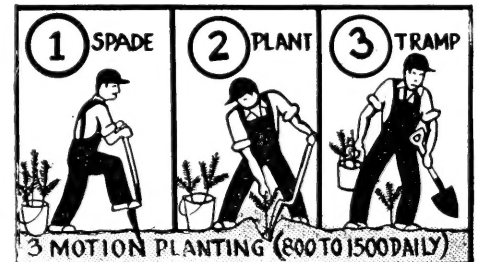
4 to 6 in. X....	4.50	15.00	120.00
9 to 12 in. X..	8.50	30.00	270.00

strobus (White Pine).

6 to 8 in. X....	7.50	21.00	165.00
------------------	------	-------	--------

sylvestris (Scotch Pine).

5 to 10 in. S	8.50	70.00
6 to 9 in. X....	5.50	18.00
12 to 18 in. X	10.00	35.00



THE YEAR AFTER PLANTING

These little White Pines were about 1½ feet high, twice transplanted, and cost about 30c each.



TWENTY YEARS LATER

Photo near the same place shows trees 25 to 30 feet high. Worth \$50.00 or more each.



Evergreens at special QUANTITY PRICES

PICEA (25) (100) (1000)

glauca alba (White Spruce).

6 to 8 in. S..... 10.00 75.00
9 to 12 in. X.... 7.00 20.00 175.00

glauca densata (Black Hills).

4 to 6 in. S..... 12.00 90.00
6 to 9 in. X..... 8.00 25.00 195.00

excelsa (Norway Spruce).

6 to 8 in. S..... 9.00 70.00
6 to 9 in. X..... 4.50 14.50 110.00
12 to 15 in. X..12.00 40.00 300.00

pungens (Colorado Spruce), color from blue to green.

3 yr. S (6-8") .. 12.50 90.00
6 to 9 in. X..... 8.00 25.00 190.00

LARIX (Larch) European Larch. (25) (100) (1000)

9 to 12 in. S.... 9.00 25.00 150.00
12 to 15 in. X 20.00 65.00 600.00

THUJA (Arborvitae)

occidentalis (American Arborvitae or White Cedar).

6 to 8 in. S..... 6.50 20.00 180.00
9 to 12 in. X.... 9.50 30.00 240.00
12 to 15 in. X 12.50 40.00 340.00

globosa (Globe shaped).

6 to 8 in. X....18.00 60.00
9 to 12 in. XX 28.00 100.00 900.00

pyramidalis (Pyramid AV).

4 to 6 in. X....12.00 45.00 400.00

TSUGA (Hemlock).

canadensis (Northern Hemlock).
4 to 7 in. X.... 7.50 25.00 150.00

(XX) Twice transplanted. 5 to 7 years old, practically landscape specimens. Dug bare root, so express is little, about 10% extra on arrival. Roots in damp moss, safe planting.

	(10)	(25)	(100)
ABIES (Douglas Fir)..... 8 to 12 inch	.....	\$25.00	\$ 95.00
—Concolor Fir 9 to 12 inch	13.00	30.00	100.00

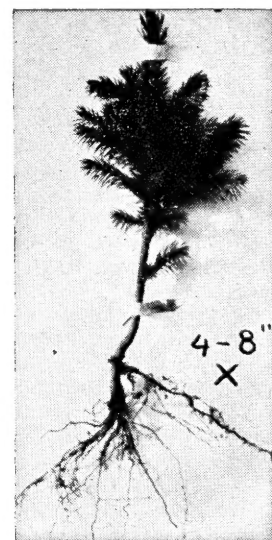
JUNIPER (Andorra) .....12 to 15 inch	16.50	35.00	125.00
—Pfitzer Juniper .....12 to 15 inch	20.00	45.00	160.00
—Hetz Juniper 9 to 12 inch	16.00	32.00	115.00
—Virginiana (Cedar) .....12 to 18 inch	.....	20.00	75.00
—Scopulorum (Rky. Mtn.)....12 to 12 inch	.....	20.00	70.00
—Waukegan Juniper 9 to 12 inch	14.00	30.00	110.00

PICEA (Black Hills Spruce).. 9 to 12 inch	12.50	25.00	85.00
—Excelsa (Norway) .....12 to 15 inch	12.00	25.00	85.00
—glauca (White Spruce).....12 to 15 inch	.....	30.00	95.00
—pungens (Colorado) 9 to 12 inch	.....	30.00	95.00

PINUS

—Austrian Pine .....12 to 15 inch	.....	30.00	95.00
—Mugho Dwarf Pine..... 6 to 9 inch	7.50	15.00	45.00
—thunbergi (Jap Black).....10 to 15 inch	22.00	45.00	175.00
—resinosa (Red) .....18 to 24 inch	.....	20.00	75.00

THUJA occidentalis .....12 to 15 inch	12.00	20.00	75.00
—Pyramidal Arborvitae.....12 to 15 inch	18.00	40.00	120.00



Transplant



Twice transplanted

BARGAINS IN LARGER YOUNG TREES

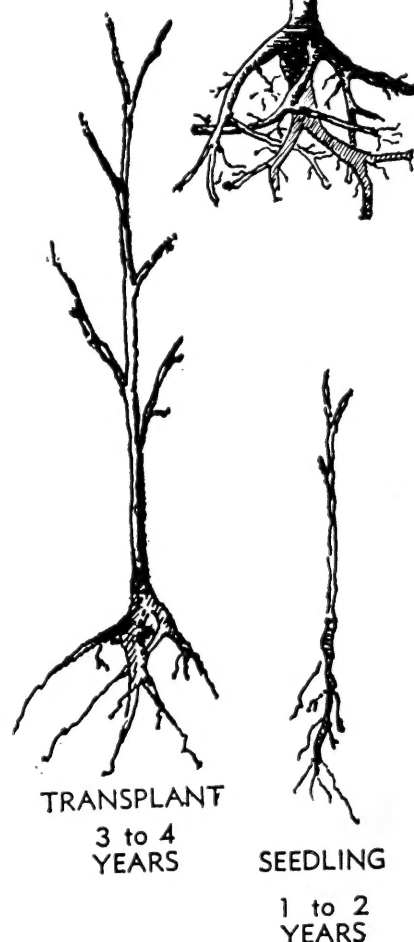
For those who want quick results yet not have to pay for full specimens, we offer nice, well-rooted trees between 4 and 8 feet high. Yet you save 2 to 4 years over small seedling sizes at little extra cost. Packing included if cash accompanies order.

(X) TRANSPLANTS do give quick results. They are young and transplant easily and grow more vigorously than older stock.

	(10)	(100)		(10)	(100)
ACER (Maple)			OXYDENDRUM (Sour-wood)		
Rubrum (Red Maple)			4 to 5 ft.	\$17.50	\$125.00
4 to 6 ft.	\$15.00	\$125.00	POPLAR, Lombardy		
6 to 8 ft.	30.00	225.00	5 to 6 ft.	8.50	65.00
saccharum (Sugar)			Bolleana (neater, healthier)		
4 to 6 ft.	15.00	135.00	4 to 5 ft.	17.00	150.00
6 to 8 ft.	30.00	225.00	PLATANUS occidentalis		
platanoides (Norway)			(American Sycamore)		
4 to 5 ft.	12.50	100.00	4 to 5 ft.	12.50	95.00
BETULA (Birch)			6 to 8 ft.	22.50	175.00
alba (European White)			8 to 10 ft.	30.00	250.00
4 to 5 ft.	30.00	250.00	QUERCUS (Oak)		
papyrifera (paper)			Coccinea (Scarlet Oak)		
4 to 5 ft.	18.00	150.00	4 to 6 ft.	25.00	180.00
populifolia (Gray)			Palustris (Pin Oak)		
4 to 5 ft.	18.00	150.00	4 to 5 ft.	30.00	250.00
CERCIS canadensis (Red Bud)			Borealis (rubra) Red Oak		
3 to 4 ft.	18.00	125.00	4 to 5 ft.	25.00	180.00
CLADRASTIS (Yellow-Wood)			SALIX (Willow)		
4 to 6 ft.	40.00	350.00	Babylonica (Weeping)		
CORNUS florida (dogwood)			4 to 5 ft.	12.50	110.00
4 to 5 ft.	35.00	280.00	Wisconsin (Hardy Weeping)		
FRAXINUS (American Ash)			4 to 5 ft.	12.50	110.00
4 to 5 ft.	13.50	120.00	Golden Weeping (Niobe)		
6 to 8 ft.	20.00	150.00	4 to 5 ft.	12.50	110.00
JUGLANS nigra (Walnut)			SORBUS (Mountain Ash)		
4 to 5 ft.	20.00	175.00	4 to 5 ft.	25.00	195.00
LIQUIDAMBAR (Sweet Gum)			TILIA (American Linden)		
4 to 5 ft.	20.00	175.00	4 to 5 ft.	18.50	145.00
LIRIODENDRON (Tulip)			6 to 8 ft.	30.00	250.00
4 to 5 ft.	18.00	150.00	ULMUS (American Elm)		
pumila (Siberian)			5 to 6 ft.	18.00	150.00
4 to 5 ft.	15.00	110.00			

LANDSCAPE
GRADE

4 to 10
YEARS OLD—



Young TREES AT QUANTITY PRICES



Among "slow" trees known to have reached 30 feet or more in their first 15 years of life are Red Oak, Pin Oak, most Maples, Liriodendron, several Birches, Black Locust and Linden.

(S) SEEDLINGS grow rapidly. Soak well after planting, and prune back. To keep a single stem: prune out all side twigs, and later again cut away all but one single stem.

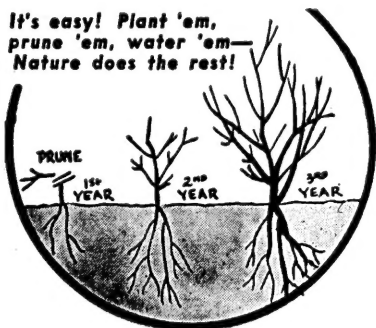
	(25)	(100)	(1000)
ACER (Maple)			
rubrum (Red Maple)			
*18 to 24 in. ..	\$5.00	\$15.00	\$95.00
saccharum (Sugar Maple)			
*12 to 18 in. ..	4.00	12.50	85.00
BETULA (Birch)			
populifolia (Gray Birch)			
18 to 24 in.	6.00	18.00	120.00
Papyrifera (Paper Birch)			
*12 to 18 in. ..	5.00	16.00	120.00
CERCIS (Red Bud)			
*12 to 18 in. ..	3.00	9.00	50.00
CORNUS florida			
(White Flowering Dogwood)			
*12 to 18 in. S	4.00	12.00	95.00
JUGLANS nigra (Black Walnut)			
*12 to 18 in. S	4.50	14.00	95.00

PLATANUS (Sycamore)			
occidentalis	(25)	(100)	(1000)
*12 to 18 in.	\$3.00	\$9.00	\$50.00
POPULUS (Lombardy Poplar)			
*18 to 24 in.	3.50	10.00	60.00
QUERCUS (Oak)			
Coccinea (Scarlet Oak)			
*12 to 18 in. S	6.50	20.00	160.00
Palustris (Pin Oak)			
*12 to 18 in. S	6.50	20.00	160.00
rubra (Red Oak, Northern)			
*12 to 15 in. S..	6.50	20.00	160.00
ULMUS (Elm)			
americana (American Elm)			
*2 to 3 ft.	3.00	9.00	70.00
pumila (Chinese or Siberian Elm)			
*2 to 3 ft.	4.00	10.00	80.00

SHRUBS at Special QUANTITY PRICES

for HEDGE, and SCREEN planting.

Where quantity is needed and quick results. These grow quickly and are easily planted now, when small. Descriptions page 28.



	(25)	(100)	(1000)
BERBERIS Thunbergi			
(Japanese Barberry).			
	(25)	(100)	(1000)
12 to 15 in. S	5.00	18.00	120.00
12 to 18 in. X	12.00	40.00	350.00
B. thunbergii Atropurpurea			
6 to 12 in. S	9.00	22.00	180.00
12 to 15 in. X	20.00	70.00	.....
ELEAGNUS (Russian Olive)			
12 to 18 in. S	3.00	9.00	65.00
FORSYTHIA			
Fortunei and Spectabilis.			
12 to 18 in. S	3.50	9.50	55.00
2 to 3 ft. X....	15.00	55.00	400.00
LIGUSTRUM (Privet)			
—amurense (Amur Privet North)			
12-18 in. (2 Br.)	3.50	10.00	80.00
1½-2 ft. (3 Br.)	6.50	20.00	160.00
3-4 ft. (4 Br.)..	12.00	45.00	300.00
—ovalifolium (California Privet)			
12-18 in. (2 Br.)	3.50	10.00	80.00
2-3 ft. (4 Br.)	6.50	20.00	190.00
PHILADELPHUS coronarius			
12 to 18 in. S..	4.50	15.00	90.00
1½ to 2 ft. X..	10.00	30.00	250.00
RHAMNUS (Glossy Buckthorn)			
12 to 18 in. S....	12.00	85.00	.....
3 to 4 ft. X.....	15.00	48.00	350.00
SPIRAEA Anthony Waterer			
6 to 9 in. S....	8.00	25.00	180.00
12 to 15 in. X....	18.00	65.00	.....
—Van Houttei			
12 to 18 in. S....	5.00	15.00	85.00
1½ to 2 ft. X....	12.00	40.00	250.00
SYMPHORICARPOS			
—racemosus (Snowberry)			
18 to 24 in. X....	12.00	45.00	.....
VIBURNUM American			
(American Cranberry)			
12 to 15 in. S....	8.00	25.00	190.00
—tomentosum (Doublefile V.)			
12 to 15 in. S....	12.00	45.00	250.00
18 to 24 in. X....	22.00	80.00	600.00

Azaleas For Fall

Culture is same as for rhododendrons, but a little more sun.

Kaempferi (Torch Azalea). Zone IV. 8 ft. Red to Orange. May. Vigorous, easily grown 6-10" X...5 for \$6.00, 25 \$20.00

—**Mikado**, showy red.

—**Carmen**, upright, rose.

—**Lakme**, tall, compact, pink.

—**Betty**, orange-pink.

Any one of above 4 kinds:

*4 yr. XX 2 for \$3.50, 25 \$30.00

Ledifolia (mucronatum). Evergreen, 6 ft. Bushy. Acid, humus, loose. Late May. Zone VI. Handsome, dense. (**Indica alba**) White against dark green.

—**Delaware Valley White**. The same but hardy. Both above kinds:—Zone V.

*3 yr. XX ..5 for \$6.50, 25 \$25.00
10-15 in. B&B \$5.00 ea., 5 \$22.50

Hexe. Zone V. small bush. Evergreen. Crimson red late May.

*3-yr. X5 \$7.00, 100 \$90
8 to 10 in. BB \$4.25, 5 for \$18

Maxwelli. Zone VI. Clear dark red, late May. Large blooms.

*4 yr. XX5 for \$9.50 ppd.
12-15 in. BB.....\$5.50, 5 \$22.00

Palestrina (Vuyk) Fine tall white, May. 6 ft.

*4 yr. XX5 for \$9.25, 25 \$30
10-12 in. BB....\$5.25, 5 for \$22.00

Azalea HINOCRIMSON

A better, hardier Hinodigiri. Large, crimson-red, clean color, does not fade (as Hinodigiri does). Fragrant. Zone V. Probably the best hardy evergreen Azalea.

*3 yr. XX...5 for \$7.00, 25 \$20.00
8-10 in. BB....\$4.50, 5 for \$20.00
12-15 in. BB....\$5.50, 5 for \$25.00

GABLE HARDY AZALEAS

These hybrids have been made in the effort to originate a hardier strain of the Japanese type of Azalea, keeping form and color. Live, bloom in Zone V.

Herbert. Large frilled red.

Carol. Bright, pink, double.

Jimmy Coover. Late single red.

Rose Greeley. Hardy white.

Mary Ann. Double pink.

"**Early Rosebud**." (C 12 G). Double pink, early.

Rose-bud. Double pearly pink.

Any of above 8 kinds, 3 yr. XX bushy, 5 assorted \$8.50; 5 one kind \$7.50.

ALSO, 10 to 15 in. B&B.

\$5.50, 5 for \$20.00

JUNE AZALEAS

Beni-Kirishima — low, spreads. Zone V. Double old rose. June.

Macrantha. Zone V. Low, broad, evergreen. Salmon-red, June.

Macrantha flora plena. Double red, late in June. Zone VI.

Any one kind above:
*4 yr. X 5 for \$8.50 ppd.
12-15 in. BB \$5.50 each

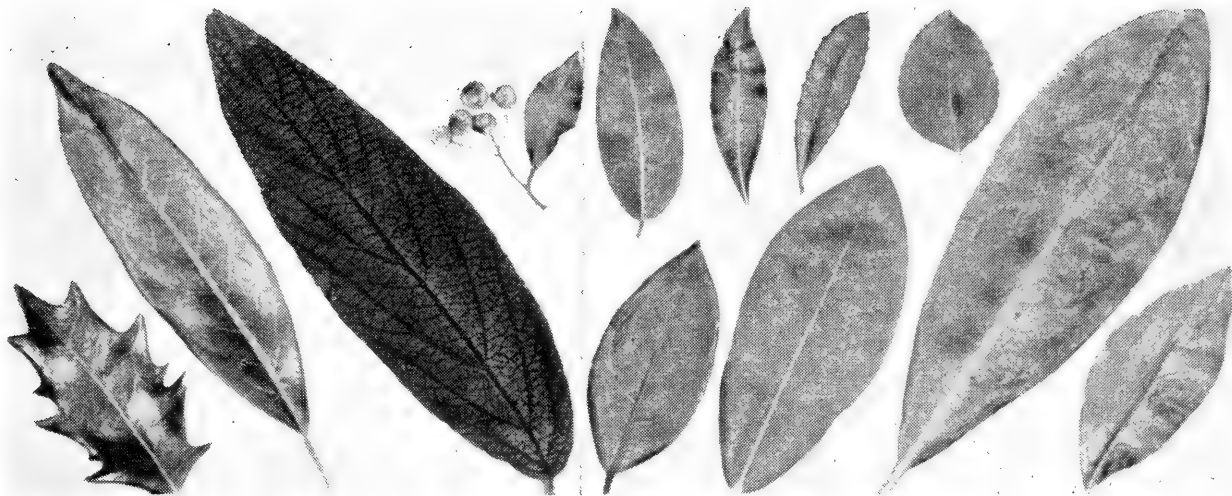
Gumpo. Very dwarf. Zone VI. Huge frilled pure white.

*4 yr. X 5 for \$9.50 ppd.
6 to 8 in. BB....\$4.75 ea.

OFFER: 1 each all 4 plants \$9.50 postpaid



Photo: Azalea Ledifolia



WINTER LEAVES—(Bottom) Osmanthus, laurocerasus, Viburnum rhytidophyllum, Rhododendron Carolina, Catawbiense, maximum, Kalmia. (Top row) Pyracantha Lalandi, Pieris floribunda, P. japonica, berberis Juliana, Euonymus patens.

BROADLEAF EVERGREENS

Azaleas, rhododendrons, and others are safely planted in Sept.-Oct. We here select kinds and sizes most suited to fall planting.

ABELIA Grandiflora (Glossy Abelia). 5 ft. Zone V, evergreen to Zone VI. Any soil. Sun. Pinky-white bells, June to October. Winter leaves bronze.
*12-18 in. X..2 for \$3.00, 10 \$7.50
1½-2 ft. X....\$3.00 ea., 10 \$18.00

BERBERIS Juliana (Winter-green Barberry). 7 ft. Zone V. Evergreen. Sun or shade.
*2 in. pots10 \$7.50, 100 \$60.00
15-18 in. BB..\$6.00 ea., 10 \$55.00
* 10 in. XX..5 \$10.00, 100 \$160.00

BUXUS microphylla Koreana (Korean Box). 2½ ft. Zone IV. Very compact and dense. Any soil. Prefers sun. Neat edging. (Arnold Arboretum type.)
*2¼ in. pots....5 ppd. \$7, 100 \$85
8-10 in. BB.....\$5.00 each

Suffruticosa (Dwarf "English"). 6 ft. Zone V. Small plants used for real box edging. Any soil. Sun or part shade.
*1 yr. X.....25 for \$6.50, 100 \$22
12-14 in. BB.....\$6.50, 5 \$30
*6-8 in. X.....5 \$7.50, 100 \$90

(See also page 5)



Berberis juliana

The Evergreen Hollies (Ilex)

Aquifolia (English Holly). 40 ft. Zone VI. Very shiny, toothed leaves. Very large, red berries.

—**Female** (for berries).

*3 in. pot....5 for \$9.75, 50 \$85.00
4 in. pot (18") \$4.00, 10 for \$30

Male (for pollination).

*3 in. pot....\$2.50 ea., 5 for \$10.00

Crenata (Japanese Holly). Zone VI. 18 ft. Evergreen leaf and thickset shape. Tolerant.

*10 in. XX 5 for \$10.00, 50 \$80.00
2-3 ft. B&B....\$6.75 each, 10 \$60

—**cr. convexa** (dwarf Japan Holly). Form with shiny gray-green leaves. 4 ft. Zone V.

*6-8 in. X.....10 for \$9, 100 \$60
12-15 in. B&B....\$5.50 ea., 10 \$45

Opaca (American Holly). Zone IV. 40 ft. Damp, some shade. Red berries, dull, evergreen leaf.

—**Unknown mixed sexes.**

*3 in. pot (12")....5 \$6.00, 25 \$25
2 ft. BB.....5 for \$27.50

—**Old Heavyberry.** Big, rich green leaf, very showy berries. Perhaps the best female.

12-15 in. BB.....\$6.50 ea.
*3-in. pot\$3.00, 5 \$12.00

ILEX OPACA SPECIALS

Offer A—2 males, 4 females in 3 in. pot size (6 to 10 in.) \$7.50 ppd.

Offer B—1 male, 2 females in 4 in. pot size (12 to 18 in.) \$9.50 ppd.

COTONEASTER. Sun, drain. **horizontalis** (Rock Cotoneaster). 3 ft. Zone IV. Flat branches. Half-evergreen. Scarlet berries.

*2¼ in. pot 10 \$9.00, 100 \$55.00
4 in. pot.....\$2.25 each, 5 \$9.50

salicifolia (Willowleaf). 8 ft. Zone VI. Evergreen. Red fruit.

*2 in. pot....10 \$8.50, 100 \$30.00
18 in. (pot)\$5.00, 2 for \$8.00

CYTISUS scoparius (Common broom). 4 to 8 ft. Zone V. Bushy, upright evergreen stems. Yellow, May-June. Drain. Sun. Perhaps the best cover for dry banks. A sight in bloom.

*12 in. S.....25 \$5.00, 100 \$15.00
4-in. pot\$3.75, 5 for \$16.00

praecox (Warminster Broom). 5 ft. Zone V. Amazing shower of pale yellow in May.

3-in. pots\$2.50, 10 for \$21.00
4-in pots\$3.75, 5 for \$16.00

DAPHNE cneorum (Garland Flower). 1 ft. Zone IV. The finest rock-garden evergreen. Fragrant rose clusters in May and again Sept. Needs sun. Spreads.

*5-7 in. BB \$3.75, 5 for \$17.50
7-9 in BB ...\$4.50, 5 for \$20.00

ERICA carnea (Spring Heath). 1 ft. Zone V. A show of rose in the snow, Jan. to March. Acid, sandy, humus. Tiny evergreen leaves.

*2 in. pot 5 for \$4.50, 100 \$60.00
5 in. pot\$4.50 ea., \$ 20.00

LAUROCERASUS schipkaensis (Hardy English Laurel). 6 ft. Zone V. Gorgeous dark green leaves. White flower spikes in May. Very easily grown.

*3 in. pots....5 for \$6, 100 \$95.00
15 in. (pot)..\$3.50, 5 for \$22.50
12-15 in. BB \$5.00, 5 for \$22.50

MAHONIA Aquifolium (Oregon Holly-grape). 5 ft. Zone V. Yellow May; purplish "grape" Aug. Dry, part shade.

*12-15 in. (pot)
2 for \$5., 10 \$22.50

OSMANTHUS aquifolium (Holly-leaved Myrtle). Zone VI. 6 ft. Tolerant, useful.

*2 in. pots....10 \$6.00, 100 \$45.00
*8-12 in. (pot)..2 \$2.00, 10 \$8.00

PACHISTIMA canbyi. Evergreen clump. 9 in. Zone V. Wonderful rock plant. Moist.

*2 in. pots..1 for \$7.50, 25 \$12.50
3 in. pots\$2 each, 5 for \$7.50

PIERIS floribunda (Mountain Fetterbush). 3 ft. Zone IV. Upright clusters white in May. Acid, humus.

*6 to 8 in. X....5 for \$5, 25, \$20
12-15 in. BB.....\$7.50, 5 for \$30

japonica (Andromeda). 6 ft. Zone V. Upright shrub, with drooping wax-like bells, May.

*2¼ in. pot.....5 \$5.50, 100 \$65.
*10-12 in. X.....5 for \$5, 25 \$24
12-15 in. BB \$4.50 ea., 10 \$30.00

PYRACANTHA Lalandi (Laland Firethorn). Evergreen shrub to 15 ft. Zone V. Orange-berried. Drain, lime. Stands drought.

*3 in. pots 10 for \$12.00, 100 \$85
18-24 in. (pot)\$3.00, 10 \$20

watereri. New. Zone V. Compact. Finest Firethorn. Hardy, evergreen. Red berry. The fire-thorn of the future.

*4-inch\$3.50, 2 for \$6.00

STRANSVAESIA davidiana Shrub to 20 feet. Zone VI. Large shiny leaves. Scarlet fruit in autumn. Stands drought.

1½-2 ft. \$4.00 ea., 10 for \$30.00

VIBURNUM Rhytidophyllum (Leatherleaf). 9 ft. Zone V. Wrinkled evergreen leaves, bright green. Bold. Red berries. Drain, shelter.

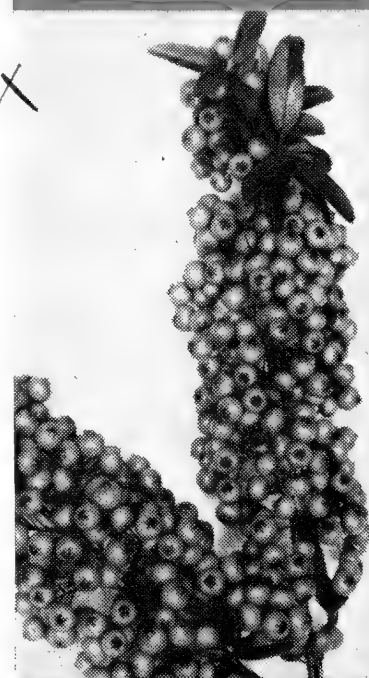
12 in. (pot) \$3.50 ea., 10 \$30.00



Daphne cneorum



Erica carnea



Pyracantha Watereri

Hybrid Rhododendrons

NAMED VARIETIES ON OWN ROOTS

Own-root plants grow shapelier than grafts, and are longer lived, with less care and pruning. Also hardier. The following are from open field, dug with ball of earth. They have been pinched to make low, shapely branching. All hardy Zone VI, some extra hardy ones as noted in Zone V. Finest quality stock.

WHITES

- Luciferum.** A fine white, good grower.
Catawbiense album. The best white. Zone V.

PURPLE

- Purpureum Elegans.** Late, bushy, showy. Zone V.

ROSE

- Catawbiense Boursault.** Shapely lavender.
Roseum Elegans. Very shapely bush. Zone V.

PINKS

- Cynthia.** Crimson-pink, bushy. Zone V.
Ignatius Sargent. Rose-red. Zone V. Vigorous.
Roseum Superbum. Good pink, good bush.

REDS

- America.** Neat growth. Fine red.
Charles Bagley. Cherry red. Showy.
Dresselhuys. Big, tall, red. (Each) (5)
 12 to 15 inch B&B.....\$ 7.50 \$30.00
 18 in. bushy B&B, some buds.... 11.00 50.00

Young Own-Root Hybrids

Here is an opportunity for those with large areas to plant to get material for much less than any usual cost. Both grades offered below have had their first pinching, are starting life shapely and healthy. All are old enough to be planted right out in field. All are much bushier and more compact than ordinary. All eleven kinds above listed are available:—

6 of any kind, 1 year field
 8 to 10 inch B&B packed
 for shipment. **\$25.00**

5 of any kind, 2 year field
 12-15 in. BB packed
 for **\$30.00**

(either offer, express on arrival about \$4.00)



RHODODENDRON SPECIES

Fortunei. 12 ft. Zone VI. Large blush pink, fragrant, May.

12 in. X.....2 for \$6.00, 5 \$12.50

Racemosum. 4 ft. Zone V. Pink in April. Useful dwarf.

2 1/4 in. pot....2 for \$4.00, 5 \$9.00

DWARF HYBRID

Wilseni. 4 ft. dwarf. Zone V. Pink in May. Hardy and neat.

*2 1/4 in. pot.....10 \$15.00
 12-15 inches BB....\$10.00 each

DEXTER HYBRIDS

This new strain, based on R. fortunei is hardy in Zone V and shapely and colorful.

Mixed colors mostly pinks.

8-12 in. X....2 for \$5.00, 5 \$10.00

—**Morris No. 3**—New glowing pink-scarlet. 12 ft. Zone V. Startling, needs shaping.

6-9 in. X (field).....\$5.00 each

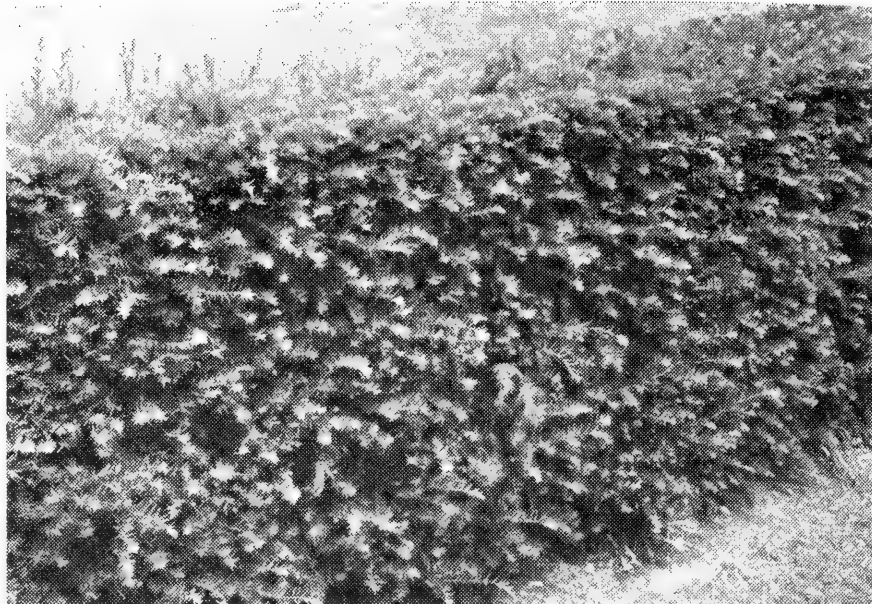
HYBRID RHODODENDRON SEEDLINGS

These in every way resemble named hybrids except:—the color of flowers is unpredictable. They are fairly free to bloom hardy mostly in Zone V.
 8-10 in. XX 5 \$9.50, ppd, 50 \$70

(See also banded plants on page 5)

LIVING FENCES EVERGREEN

Photo
Yew
hedge



Plant September — October

TALL, 5 to 8 ft. high, 3 to 4 ft. wide. **Taxus capitata** (Upright Yew). (10) (25) (100)

9-12 in. XX.....16.00 35.00 130.00
12-18 in. XX....22.00 45.00 150.00

BROAD, 2 to 4 ft. high, 2 to 4 ft. wide. **Taxus cuspidata** (Spreading Yew).

10-12 in. XX....15.00 35.00 120.00
12-15 in. XX....19.00 45.00 160.00

LOW, 1 to 3 ft. high, 1 to 3 ft. wide. **Taxus nana brevifolia** (Dwarf Yew).

9-12 in. XX.....20.00 45.00 160.00

NARROW, 4 to 6 ft. high, 1½ ft. wide. **Taxus Hicksi** (Hatfield).

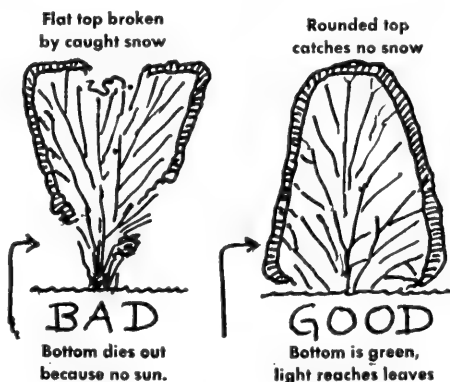
9-12 in. XX....15.00 35.00 120.00
12-15 in. XX....24.00 50.00 180.00

BUSHY, 6 ft. high, 2 ft. wide. **Vermeulen's Yew**.

9-12 in. XX.....15.00 35.00 120.00

Hardy, disease-free, tolerant. Set plants 1½ feet apart.

PRUNING HEDGES



Tsuga Canadensis (Northern Hemlock). Zone III. A fine, even, smooth dark green surface unlike any other hedge. Thrives in soils ranging from ordinary to damp, and from full sun to full shade, hence is easy to grow. Set plants 1½ ft. apart. (25) (100)

9 to 12 in. XX....16.00 60.00
12 to 15 in. XX....22.00 80.00
15 to 18 in. XX....35.00 130.00

DECIDUOUS — Plant November — December

Deciduous Hedges

ROSA MULTIFLORA

Plant a single row, 1 foot apart. Cut back roots to 8 inches, tops to 3 or 4 inches on planting.

No repairs, no maintenance problems, it just grows. No animals can get through, yet birds and small game can use it for refuge. It can be kept 5 feet high, width 8 feet. Not for small gardens.

(100) (1000)
9-12 in. S\$ 8.50 \$70.00
18-24 in. S 12.50 95.00

BARBERRY } See
PRIVET HEDGE } Page 8

Deciduous Ground Covers

(25) (100) (1000)
ROSE wichuriana (Memorial Rose)—Branches grow quickly, droop and root. Thickset effect. Best in sun. Zone IV. Space 2 ft. apart.

1-year (6 to 12 in. S)..... 8.00 25.00
2-year field grown X.....18.50 60.00

LONICERA japonica (Honeysuckle)—Sun or shade. Any soil.
2-year light 9.50 80.00
2-year No. 1 grade..... 6.50 18.00 140.00

PUERARIA thunbergiana (Kudzu)—Very fast, handsome, but coarse grower. Holds banks in poor soil, enriches soil nitrogen. Zone VI.

2-year (No. 1 Crowns)..... 4.50 14.00 80.00

HELIANTHEMUM (Sun-rose)—Is best for steep, dry banks in sun.

2-year10.00 38.00

... plants that cover
the ground where grass will
not thrive are ...

LIVING CARPETS



Pachysandra



Honeysuckle



Vinca

EVERGREEN GROUND COVERS (plant September-October)

(10) (25) (100) (1000)

PACHYSANDRA terminalis—Tolerant in poor soil and shade. Set 3 to each sq. ft. Zone V.

1 year field grown..... \$ 3.50 \$ 9.50 \$ 85.00

HEDERA baltica (Hardy English Ivy)—Fine ground cover for steep slopes in shade or sun. Zone V. Space 1½ ft.

2-in. pots 7.50 26.00 240.00

3-in. pots \$8.50 20.00 75.00

THYMUS SERPYLLUM (Creeping Thyme)—A mat in sun or light shade that blankets the ground. Evergreen. Can be walked on. Zone III. Set 12 in. apart. Well drained soil.

Sturdy plants 12.00 40.00 350.00

HARDY GALAX (Galax aphylla)—Huge bronze and green leaves. Moist shade.

Clumps with ball 6.00 10.00 30.00 290.00

TRAILING ARBUTUS (Epigaea repens)—Waxy pink, May. Zone II, acid soil, semi-shade.

Balled clumps 6.00 10.00 30.00

OCONEE BELLS (Shortia glacifolia)—Rarest of all. Zone V. Evergreen leaf, showy pink-white flower spike.

Clumps 6.00 10.00 30.00

BEARBERRY (Arctostaphylos uva-ursi)—Low matting evergreen. For sandy banks—succeeds even on seashore. Sun, drain.

Pot-grown 9.50 20.00 75.00

WINTERGREEN (Gaultheria procumbens)—Small neat mat of evergreen in baking sun.

Balled clumps 4.00 8.00 25.00 200.00

MOTTLED WILDGINGER (Asarum shuttleworthi)—Large, round evergreen leaves, shade or sun. Hardy.

Strong clumps with ball..... 6.00 10.00 30.00

VINCA (The Myrtle) The most satisfactory, showy, trouble-free of all ground covers. The leaf is small, shiny, dark green all year round. Even in full shade, the leaves grow thickly. It spreads by underground roots. To be sure of coverage within (say) 2 years, we recommend spacing 12 in. apart. There are blue flowers, showy and cheerful, all spring. Will grow and thrive in any soil. **Planting—Clumps come tied compactly. Untie and spread out when planting.**

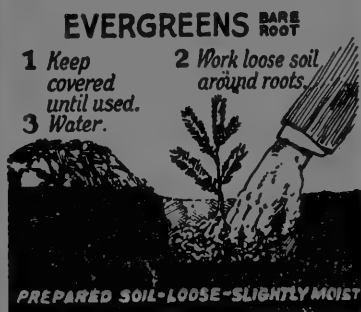
(25) (100) (1000)

Strong clumps \$5.00 \$15.00 \$120.00

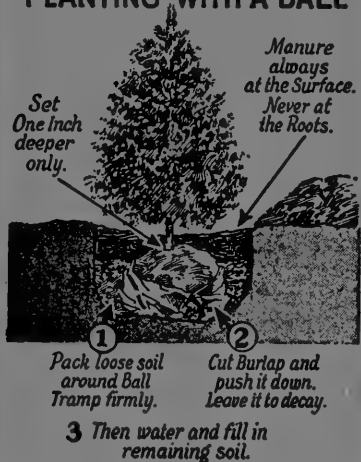
EVER-GREENS

Like Autumn Planting

All are easily planted in September and October—the Yew is particularly easy even in small sizes. No fertilizer until next spring, but water well once a week until freeze-up and mulch smaller sizes unless in shady locations.



PLANTING WITH A BALL



ABIES balsamea (Balsam Fir). 60 ft. Zone III. Dark, shapely pyramid. Needs cool moist soil. Best Christmas tree.

*4-6 in. S25 \$4.00, 100 \$9.50
*4-6 in. X....25 \$6.00, 100 \$19.00
2-2½ ft. BB..\$6.50 ea., 10 \$55.00

—**douglasi** (*pseudotsuga taxifolia*) (Douglas Fir). 70 Ft. Zone IV. Prefers rich soil, but tolerant.

*4-6 in. X....25 \$6.00, 100 \$20.00
*8-12 in. XX 25 \$25.00, 100 \$95
2-2½ ft. BB ..\$6.50 ea., 10 \$55

CEDRUS deodara (Deodar Cedar). 100 ft. Zone VI. Graceful pyramid. Unusual foliage.

*6-12 in. S....10 \$4.50, 100 \$35.00
* 4 in. pot....2 for \$5.00, 10 \$20.00
2-2½ ft. BB..\$7.00 ea., 10 \$50.00

—**Libani** (Cedar of Lebanon). 90 ft. Zone V. Picturesque and stately. Rare.

*4 in. pot....2 \$5.00 ppd., 10 \$20

JUNIPER pfitzeriana (Pfitzer Juniper). 6 ft. Zone IV. Gorgeous bush, a cloud of silver in spring, then bright green. Spreads picturesquely. Stands soot, smoke, and drought in city plantings.

*4-6 in. X....10 \$6.50, 100 \$45.00
*2¼ in. pot..10 \$7.50, 100 \$60.00
*12 in. XX....10 \$20.00, 100 \$160
15-18 in. BB..\$5.50 ea., 10 \$40.00

—**horizontalis plumosa** (Andorra Juniper). Dense, low mat, purple-green in winter.

*6 in. X.....10 \$7.00, 100 \$55.00
*12-15 in. XX....25 \$30, 100 \$100
18-24 in. BB..\$6.50 ea., 10 \$50.00

—**sargentii** (Sargent). 3 ft. Zone IV. Flat, spreading. Color grass green, a neat plant.

*2¼ in. pot..10 \$15.00, 100 \$110
15-18 in. BB.....\$9.00 each

CHAMAECYPARIS obtusa nana (Dwarf Hinoki). A 5 ft. dwarf that looks ancient when it is born. Excellent in rock gardens.

*8-10 in. X....2 for \$4.00, 10 \$18
18-24 in. BB.....\$12.00 each

PICEA pungens glauca (Blue Spruce). 80 ft. Zone II. Very tolerant. Selected blue color.

1-1½ ft. BB....\$6.00 each, 10 \$40
3 to 4 ft. BB....\$12.00 ea., 10 \$98

—**Koster Blue** (Grafted Blue).

*1 yr. graft5 for \$15
*2 yr. graft.....\$4.50 each, 5 \$19

glauca conica (Dwarf Alberta). Miniature in height and leaf. 6 ft. Zone III. Tiny and slow. True dwarf conifer.

12-15 in. B&B.....\$7.00, 5 \$32.50

glauca (alba) (White Spruce). 80 ft. Zone II. Quick-growing and shapely. In the northeast generally more satisfactory than Norway.

*9-12 in. X.....25 \$7.00, 100 \$25
12-15 in. XX....25 \$30.00, 100 \$95
1½-2 ft. BB..\$5.50 ea., 10 \$47.50

PINUS mughus (Mugho). Zone II. 3 ft. Broad, low, bushy.

*2-4 in. X.....25 \$7.00, 100 \$25
*6-9 in. XX.....10 \$7.50, 100 \$45
15-18 in. B&B.....\$7.50, 10 \$55

thunbergi. 60 ft. Zone IV. Picturesque, branching, as seen in Japanese prints. Stands salt spray.

10-15 in. XX.....10 \$22, 100 \$175
15-18 in. BB.....\$6.00 ea., 10 \$50

nigra (Austrian Pine). 70 ft. Zone IV. Compact for a large tree. Neat. Likes lime. Seashore but not on the water.

*4-6 in. X.....25 \$4.50, 100 \$15
*12-15 in. XX.....25 \$30, 100 \$95
2-3 ft. BB.....\$7.50 each, 10 \$60

THUJA pyramidalis. 25 ft. Zone II. Perhaps the best tall form of American Arborvitae.

*9-12 in. X....25 \$9.50, 100 \$30.00
 *12 in. XX 10 \$18.00, 100 \$120.00
 3 ft. BB....\$7.50 each, 10 \$50.00

—**globosa** (Globe AV). 5 ft. Zone II. Good green dwarf.

*6-8 in. X.....10 \$8.00, 100 \$60
 *9-12 in. XX 25 \$28.00, 100 \$100
 18-24 in. BB \$5.50 each, 10 \$50

NATIVE EVERGREENS

Three kinds, carefully collected, give satisfaction and grow into fine specimens. Express runs about 25c a plant with small earth ball.

TSUGA canadensis

TSUGA carolina

PINUS strobus

Each kind (10) (100)

12 in. BB \$12.00 \$98.50

TSUGA Canadensis (Northern Hemlock). 60 ft. Stands shade. The most beautiful native evergreen. Zone IV.

*4-7 in. X....25 \$7.50, 100 \$25.00
 *12 in. XX....25 \$22.00, 100 \$80.00
 *15 in. XX.....10 \$16.00, 100 \$130
 1½ ft. BB.....\$6.25, 10 \$55.00

Sargenti (Weeping Dwarf). Very useful, low and wide.

*12 in. X (2 yr.)..\$4.00, 10 \$35.00

TAXUS—the Yews

TAXUS cuspidata (Spreading Yew). 6 ft. Zone III.

(Each) (10) (100)

*4-6 in. X..... \$6.00 \$40.00
 *10-12 in. XX..... 15.00 120.00
 *12-15 in. XX..... 19.00 160.00
 12-15 in. B&B 6.50 60.00 500.00

—**nana** (“brevifolia”). (Dwarf). 4 ft. Zone III. Slow growing, spreading, dense dark foliage. Picturesque.

*4-6 in. X 6.00 45.00
 *9-12 in. XX..... 20.00 160.00
 12 in. B&B... 6.50 60.00 500.00

—**vermeulen** (Upright Brevifolia). 12 ft. Zone III. Compact. Broad base and narrow top pyramid with more red berries than most.

*4-6 in. X 6.50 45.00
 *8-10 in. X..... 9.00 65.00
 *9-12 in. XX..... 15.00 120.00
 18 in. BB..... 8.50 75.00

TAXUS Media Hatfield (Hatfield's Yew). 12 ft. Zone IV. A compact cone in outline. The branches are upright. Full of character.

(Each) (10) (100)

*4-6 in. X..... \$5.50 \$40.00
 *10-12 in. XX 19.00 160.00
 15 in. B&B... 8.50 75.00

—**hicksi** (Hick's). 10 ft. Zone V. Strong, fat upright shrub. Fine hedge. Good berries.

*6-8 in. X..... 7.00 55.00
 *12-15 in. X..... 11.00 85.00
 *9-12 in. XX..... 15.00 120.00
 15-18 in. B&B 7.50 65.00

Baccata repandens (Creeping). 3 ft. Zone V. Very slow and hugging the ground. Dense nature.

*6-8 in. X..... 8.50 65.00
 12 in. BB..... 8.50 75.00

Collection Dwarf Yew

4 kinds, dwarf types only, our selection. All 8 to 10 inch transplants, postpaid.
 (2 each)8 for \$9.75
 (5 each) ..20 for \$18.00

TAXUS Cuspidata capitata (Upright Yew). The natural form. Trees to 40 ft. A fine hedge.

(Each) (10) (100)

6-8 in. X.....\$8.00 \$55.00
 *9-12 in. XX..... 16.00 130.00
 1½ ft. B&B.. 8.50 75.00

Kelsey Berrybush Yew. 8 ft. Zone IV. Our introduction 1936 and attracting favorable comment everywhere for its wealth of red berries in autumn. Bears young.

(10) (100)

*6-8 in. X..... 9.50 85.00
 *10-12 in. XX.....19.00 160.00

VERTICAL YEWS

SENTINALIS (Sentinel Yew). Very narrow, 12 feet.

PILARIS (Pillar Yew). Narrow, short branches. Dark green. 12 feet.

PYRAMIDALIS (Pyramid Yew). Fast growing to 15 feet. Dark green.

FLUSHING. Like pyramidalis but darker needles. Red berries.

GRANDIFOLIA (Big-leaf Yew). Needles enormous. Otherwise **Pilaris**.

STRICTA (Narrow-bush). Slow, to 6 feet. Dwarf, compact, vertical.

VERIDIS (Grassgreen Yew). Same as **Stricta**, but bright green.

ROBUSTA (Obelisk Yew). Vigorous pyramid to 18 feet. Dark green. Fast grower.

*6-12" XX 10 one kind
 \$19.50 ppd.
 10 in. BB any 5 \$19.50

Native ARISTOCRATS

These five flowering evergreen shrubs are shipped from the mountains of North Carolina. They are dug from natural growth in the open (not in woods) hence will succeed in normal garden conditions. Plant late Aug. to late Oct. safely. Soak heavily after planting. Mulch heavily with old leaves.

Rhododendrons low as 39½¢ in few years, with little care, will be bushy \$10 specimens.



Easy to
Plant and
Care for

SIZE 1: AS SMALL AS SAFE TO SHIP
8-12 inch seedlings (1 stem) with ball

This special "Young Aristocat" grade measures about 12 inches dug with a little earth left on roots, but not burlapped. Plants weigh about one pound only. This stock is not to be compared for a minute with ordinary collected plants. It is, on the contrary, all carefully dug, the greatest pains being taken to preserve the roots. Carefully packed, it is easily planted and makes a quick start. Shipped from North Carolina, express runs only 8c each (in 100 lots).

Rhododendron	(25)	(100)
maximum	\$12.00	\$39.50
carolina	16.00	58.00
catawbiense	16.00	58.00

Leucothoe		
Catesbaei	13.50	45.00

Kalmia (Mountain Laurel)		
latifolia	13.50	45.00

OFFER A: 2 each size 1, 10 plants for \$10.50 postpaid.

OFFER B: 5 each size 1, 25 plants \$19.50 (express about \$2.50 on arrival).

SIZE 2: As Small as Looks Shapely.
8 to 12 in. B&B. Clumps, 4 to 6 Stems.

These "Junior Specimens" weigh about 3 to 5 pounds per plant, individually burlapped. They are 2 years older than Size 1. Express runs about 25 cents per plant. You can expect some blooms the year after planting. These really "look like something" the day they are planted.

Rhododendron	(10)	(25)	(100)
carolina	\$16.50	\$39.00	\$132.00
catawbiense	16.50	39.00	132.00
maximum	14.50	32.00	110.00

Kalmia (Mountain Laurel)			
latifolia	14.50	32.00	110.00

Leucothoe (Fetterbush)			
catesbaei	14.50	32.00	110.00

OFFER C

1 each of above
five plants for
\$9.25 postpaid.

OFFER D

5 each of
above, 25 plants
for \$35 (ex-
press about \$5).

SIZE 3: Bushy Clumps 1½ to 2 Feet.

Most are budded for at least some immediate bloom. Large enough to use at once for foundations, shrub borders. Allow about 3 ft. space, which they will fill within next few years. \$5.00 each, singly. Any five of the 5 kinds pictured here for \$18.00. (Express costs about \$5.00)

SIZE 4: Extra Large Clumps.

These will give you an immediate effect for the least cost. Three kinds only:—

Rhododendron maximum 3-4 ft. B&B

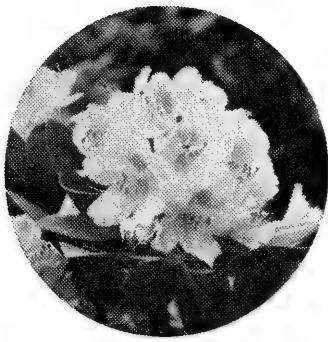
Rhododendron catawbiense 2-3 ft. B&B

Mountain Laurel 3 to 4 ft. B&B

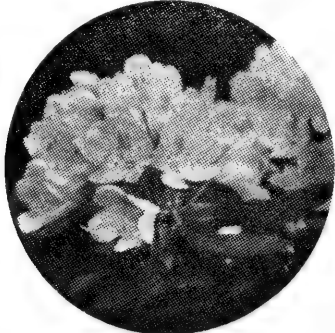
Sold only in boxes of 4 (assorted as you wish) 4 for \$22.50. (Express about \$6.00)



PHOTO: A box of
Size 3 Rhododen-
drons arrives.



Rhododendron catawbiense
Purple, June, ZONE IV, to 10 ft.



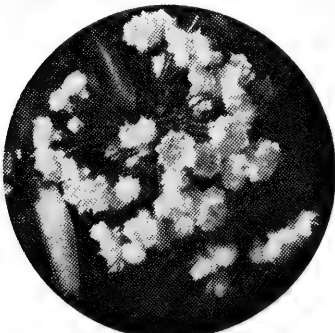
Rhododendron maximum
White, July, ZONE III, 15 feet.



Rhododendron carolina
Pink, May, ZONE V, to 8 ft.



Leucothoe Catesbaei
White, May, ZONE V, spreads.



Kalmia latifolia (Mt. Laurel)
Pink-white, June, ZONE III, 8 ft.

Wild Flowers

The following kinds
MUST be fall planted

Dog Tooth Violet

Erythronium americanum — 6-in. Attractive mottled foliage. Bright yellow flowers in early spring. 5 for \$1.95 postpaid.

Trillium

Favorite lily-like natives, for shady woods. Flowers must not be picked. Any one kind, 5 for \$1.95 postpaid.

Trillium grandiflorum — Large white flowers in May, turn pink as they age.

Trillium undulatum (Painted Trillium) — Large scarlet and white flowers.

Lady Slippers

Orchids, hardy outdoors in moist, peaty shade. Bloom in May. 5 of one kind \$3.20, 25 for \$10.50 postpaid.

Cypripedium pubescens — Yellow Lady Slipper. Bright color.
Cypripedium spectabile — Showy Lady Slipper. Rosy pink, white sepals.

Jack-in-the-Pulpit

Arisaema triphyllum — 8-inch Maroon in May. Humus, light shade, moist. 5 for \$1.95.

Virginia Blue Bells

Mertensia Virginica — 1 foot. Sheets of brilliant blue in early spring. Part shade. 5 for \$2.15. 25 for \$7.50 postpaid.

Bloodroot

Sanguinaria canadensis — 18-in. Pink-white in April. Rich soil in shade. 5 for \$1.95 postpaid; \$15.00 per 100 express.

Liverleaf Hepatica

Hepatica triloba — 6-inch. Flowers vary from pink to blue-white, early spring. Acid, shade. 5 for \$1.95; 25 for \$5.50 ppd.

Virginia Spring Beauty

Claytonia virginica — Grass-like leaves, white in May. Moist shade. 5 for \$1.95; \$15 per 100.

FERNS

Plant safely
Oct. - Nov.
Fine ground
cover.

5 of one kind \$2.50
(Postpaid)
100 for \$25.00 (express)

LEATHER WOODFERN (Dryopteris marginalis). Tolerant, deep shade. Evergreen leaves 30 inches.

TOOTHED WOODFERN (D. spinulosa). Evergreen ground cover. Shade, moist, low.

CRESTED FERN (D. cristata). 30 in. Finely toothed. Any soil. Damp.

NEW YORK FERN (D. novaboracensis). 24 in. Any damp soil.

CINNAMONFERN (Osmunda). 60 in. Any moist soil.

CHRISTMASFERN. 12 in. Dry shade. Evergreen.

CLIFF-FERN (Polypody). 6 in. Evergreen, drain.

EBONY SPLEENWORT (Asplenium). 6 in. evergreen. Semi-shade.

HAYSCENTED FERN (Dunnstaedtia). 18 in. Tolerant.

MAIDENHAIR (Adiantum). Rich, moist, but drained soil. Easily grown. Showy and popular.

LADYFERN (Athyrium). 15 in. Shade. Very attractive.

OSTRICH FERN (Pteritis nodulosa). 36 in. Very tolerant.

CHAIN FERN (Woodwardia). 30 in. Any damp soil.

ROYAL FERN (O. regalis). 6 ft. Grand plant in damp soil.

SENSITIVE FERN (onoclea). 30 in. Easily grown.



Bulbs for Fall Planting

Order Tulips Now!

Any tulip here listed is priced \$11.50 per bag of 100. Top size 13 centimeter bulbs. 100 of one kind minimum order.

COTTAGE TULIPS

Usually bloom in mid-May. Easier to grow, need not be lifted every few years. Tall, sturdy stems.

Carrara—Purest white.

Mrs. Scheepers—Stunning, tall golden. Long petals. Outstanding.

Marshall Haig—Scarlet, gold base.

Yellow Emperor—Metallic golden-yellow. Large bloom, strong.

Marietta—Large clear pink.

DARWIN TULIPS

The showiest tulips. Magnificently large blooms, strong, vigorous.

Bartigon—Fine fiery red. Large.

Clara Butt—Beautiful soft salmon rose. Most popular color.

Farncombe Sanders—Famous large scarlet, clear white base.

Gloria Swanson—Carmine, blue.

La Tulipe Noire—Very dark maroon, velvety. The "Black Tulip."

Mrs. Grullemans—Pure white, with yellow stamens. Fine.

Niphetos—Cream outside, soft yellow on inside. Long flower.

Pride of Haarlem—Large, rose.

Princess Elizabeth—Rose-lilac, edged rose. White base.

Yellow Giant—Large, tall, bright yellow with black base.

Red Emperor—Outstanding early red. Very early. Tall. Most popular new tulip.

Discovery. Huge rose "parrot." Sensational.

Mount Erebus (Darwin)—Large, entirely white.

Smiling Queen (Cottage)—Clear rose, with satin rose, lighter edges.

Golden Measure (Darwin)—New deep golden yellow. Showy.

100 of any one kind above for \$11.50; 12 cm bulbs



BIGGER BULBS— BIGGER FLOWERS

This actual photograph shows two tulip bulbs of the same kind exactly. Only the size of the bulb was different.

OUR "SAMPLER" Tulip Bag \$6.95

Postpaid

50 Top-size (12-13 cent.) bulbs 10 each, 5 kinds listed; all newer and better varieties.

Naturalizing Bulbs

It is not generally realized how many kinds of bulbs may be permanently planted—to last for decades if properly set out, giving a yearly show of bloom.

NATURALIZING NARCISSUS

Not all kinds do equally well when naturalized, and we have selected a special assortment for this purpose. All types represented, including daffodils.

(100) (1000)

Top size round bulbs \$8.50 \$75.00

MIXED TULIPS FOR MASSING

Sold only in bags of 100. Size 11-12 cm, the "first size" of most catalogs.

(100) (1000)

Darwin Tulips\$8.00 \$75.00
Cottage Tulips.... 8.00 75.00

HYACINTHS

Showy and reliable. They naturalize readily, provided a size not too small is used. We offer 15 to 16 centimeter bulbs: any one color (red, white, blue, yellow) a bag of 50 for \$8.00.

CROCUS

(½ Ft. April) — The Dutch Crocus — showiest of all early spring flowers. PERMANENT when planted in sunny well-drained soil. 10 cm. bulbs.

Mixed (100) (1000)
colors\$4.50 \$40.00
Named
colors 5.50 50.00

GALANTHUS (SNOWDROPS)

(½ Ft. White, March) Remain a lifetime in bloom. (100) (1000)

Single\$6.00 \$50.00
Double 7.00 60.00

NARCISSUS ("daffodils")

A bag of 50 double-nose bulbs of any one kind priced at \$7.50.

Short Cups

White Nile — Pure white cup on cream.

Carlton ("Nimrod") Outstanding giant. Clear yellow, huge frilled cup.

Dick Wellband — White, fiery orange cup.

Scarlet Elegance — Scarlet on yellow.

Trumpets

Mt. Hood — Pure white.
Pink Supreme — White, with pink trumpet.

Sir Henry Deterding — Best bicolor, white and gold.

King Alfred — Gold trumpet. Sturdy. Popular.

Poetaz

Several flowers on each stem, hardy, fragrant.

Scarlet Gem — Primrose-yellow and deep orange.

L'Innocence — White with large orange cup.

"Sampler" NARCISSUS BAG

50 newer bulbs \$10.00 postpaid. 10 each of 5 kinds. Newer, better narcissus to brighten your border. Bulbs all double-nose. Blooms are gigantic, very showy.

Mt. Hood — Big white.

Golden Harvest — All-yellow giant.

Dick Wellband — White, fiery orange.

Geranium — Many fragrant white blooms, orange center.

Music Hall — White, with red crown.



PERENNIALS that Prefer FALL

Some perennial plants seldom succeed with spring planting; others (like early spring wildflowers) take spring planting reluctantly—really do far better in fall. On these pages most kinds that ought to be fall planted are listed. (In addition most ordinary perennials will succeed in fall as well as in spring, and may be ordered from our spring 1959 Short Guide.)

New Irises are outstanding



BLEEDING HEART

Dicentra spectabilis—Old favorite. Showy pink all summer. Space 19 inches, shade. Plant early in spring or better in fall. 3 for \$4.50 post-paid.

ORIENTAL POPPIES

Bloom May-June, tolerant, any good soil. Water well. Plant. Aug.-Sept. \$1.00 each (ppd.). 5 (one kind) \$4.50.

Beauty of Livermore—Dark, crimson.

Henry Cayeux Improved—Ashes of roses. Very large flowers.

Mrs. Perry—Solid salmon pink.

Perry's White—Large white, maroon center.

Wurtembergia—Large red.

JAPAN IRIS

Moist, part shade, fertilize. Huge flowers in July. Any one kind: 3 for \$3.20.

Condor—Deep blue.

Crimson King—Big double red.

Mahogany—Brownish red.

Albatross—White.

MODERN BEARDED IRIS

are exciting, bright, clean colors . . . are huge, with often several flowers to a stem. They are nothing at all like old-fashioned German Iris of even twelve or fifteen years ago. The best of the new ones as they come out sell for very high prices, but when available in quantity the price drops. Here are 24 such, still considered among the top quality, but which are now available at \$1 or less: Plant August to November.

Blue Shimmer—Creamy white, edged and dappled blue. \$.70

Great Lakes—Pure blue, lighter beard. Grand. \$.70

Lady Mohr—Oyster white and chartreuse. Impressive. \$.80

Amandine—Wide, cream. \$.95

Chivalry—Outstanding blue. \$.95

Cloud Castle—Exquisite pale wisteria blue. \$.85

Blue Rhythm—Huge cornflower blue. 1950 Dykes Medal. \$.75

Desert Song—Large, ruffled cream. New. Outstanding. \$.95

Dream Castle—A lovely, pure orchid pink. Perfection. \$.95

Helen Magregor—Clear, pale blue. Large ruffled. 1949 Dykes. \$.95

Ola Kala—Deep yellow, ruffled. Striking in landscape. \$.75

Snow Flurry—Blue-white; icy and perfectly formed. \$.95

Lady Boscawen—New ruffled white, light yellow beard. \$.80

Minnie Colquitt—Massive white plicata, ruffled flower. \$.80

New Snow—Ruffled white, very pure. Bright yellow beard. \$.95

Pink Cameo—New flamingo pink (no violet). Tangerine beard. \$.85

Ranger—Almost crimson. Large flower, broad flaring falls. \$.95

Rocket—Pure deep gold and orange. Ideal form. \$.95

Sable—Almost black, dark blue beard. Large, tall. \$.90

Three Oaks—Old rose and pink. Nice blend. Tall. \$.90

Vatican Purple—Silky, bright blue-purple, heavy texture. \$.80

4 Everblooming Iris

Early spring, occasional summer bloom and heavy fall show. Water and fertilize lightly between flowering periods.

Autumn Dawn—Pink

Frost Queen—White

Sangreal—tall yellow

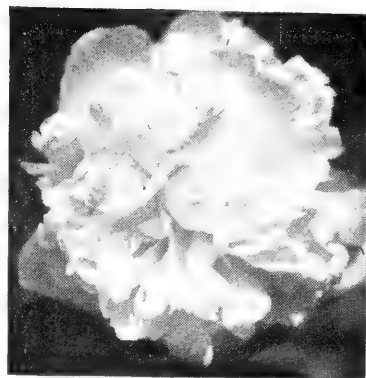
October Blaze—red

3 of a kind for \$1.95

8 (2 each) for \$6.25



PEONIES



We offer 15 double Peonies—Each is high-rated by Amer. Peony Soc. (average 9.0; 10.0 would be perfect). Good 3-5 eye divisions.

If set in deep, manured bed in sun will last for a generation without any attention. Plant late Aug. to Oct.

Tree-Peonies

\$6.75 ea. Postpaid

Bloom Earlier; of immense size. These plants are in 5-inch pots, can be moved any time.

Reine Elizabeth—Salmon - rose. Double.

Souv. de Ducher—Red - violet, double.

Argosy—Yellow.

La Lorraine—Yellow and salmon.

Flora—White.

Flambeau—Dbl. Salmon-red.

	5 Whites (All 5 for \$10.00)	5 Pinks (All 5 for \$8.00)	5 Reds (All 5 for \$9.50)
<i>Mid May</i>	Le Cygne (9.9) Charming White. \$3	Edulis Superba (7.6) .....\$1.25	Rubra Plena (8.6) Rich red. ....\$1.45
<i>Late May</i>	Kelways Glorious (9.8) Huge.....\$2.50	M. Jules Elie (9.2) Huge rose. ....\$1.25	Karl Rosenfeld (8.8) Large red. ....\$1.25
<i>Early June</i>	Festiva Maxima (9.3) Large white, red spots .....\$1.50	Walter Faxon (9.3) Bright shell - pink. Upright stems. \$1.50	Mons. M. Cahusac (8.8) Darkest maroon, purplish..\$2.50
<i>Mid June</i>	Primevere (8.5) Yellow center on white. ....\$1.75	Therese (9.8) Pale old rose pink. Best pink. ....\$2.50	Philippe Rivoire (9.2) Very dark, rich crimson. Fragrant. ....\$3.00
<i>Late June</i>	Solange (9.7) splendid white, suffused buff. ....\$1.35	Sarah Bernhardt (9.0) Dark rose-pink .....\$1.50	Felix Crouse (8.4) Brilliant, silky crimson. Lasting. ....\$1.25

Day-Lilies

All gay, clean colors. Here are the best in each color and season. Sun or shade; disease-free. Each kind blooms about 4 weeks. These are sensationally handsomer than old-fashioned day-lilies: larger, brighter, showier.

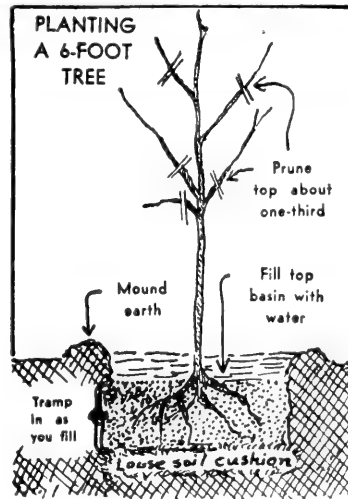
(Hemerocallis)



	EARLY (May-June)	MID-SEASON (July)	LATE (August)
3 Creams \$2.50	Pale Moon — Nice pale yellow. Reliable. 2½ ft. ....\$ .80	Patricia — Creamy yellow, green throat. Fragrant .....\$1.10	High Boy — Tall and very pale \$.80
3 Yellow \$2.15	DuMortieri — Rich yellow. 24-inch \$.70	Hyperion — Finest canary. 4 ft. \$.80	Mrs. W. H. Wyman — Fine lemon \$.80
3 Orange \$3.50	Earliana — Golden orange. Fine ..\$1.45	Rajah —Orange and red. Striking \$1.10	August Orange — Rich orange ....\$1.20
3 Pinks \$4.20	Symphony — Rose red and yellow blend. 3½ ft. \$1.45	Pink Charm — Soft Ochre-red pink. 4 ft. tall .....\$1.45	Rosalind — (Fulva rosea). Pinkest of all kinds .....\$1.45
3 Reds \$3.25	Theron — Wine-red. Graceful twisted petals .....\$1.10	Tejas — Intense fiery red, yellow throat. ....\$1.10	Gay Troubador — Red and cream bicolor. Unusual \$1.35
3 Purple \$3.25	Purple Waters — Wine-purple. Very vigorous .....\$1.35	Port — Port wine on well branched stems. 30-inch \$.80	Persian Princess — Velvet-red overlaid on purple .....\$1.35

HANDSOME DECIDUOUS TREES

All kinds in sizes offered will succeed fully as well planted in Nov.-Dec. as next spring and they will grow 50% better next year. Only exceptions are the Birch and Beech; perhaps 10% more transplanting risk in fall. (5 of one kind at 10 rate, 50 at 100 rate.)



FRANKLINIA ALATAMAHA Ben Franklin's Tree

	(each)	(10)
35 Ft. Zone V. Large white and gold blossoms, fragrant, from August to frost. Damp, acid, humus, blooms best in sun. An extraordinary native. Leaves bright red in autumn—while white flowers still open.		
*8 to 12 in. S.	\$ 12.00	
18 to 24 in. X.	\$ 4.00	35.00
4 to 5 ft.	9.00	85.00
5 to 6 ft.	12.00	100.00
6 to 7 ft.	15.00	

Life-Size
Franklinia
Flower



ACER platanoides (Norway Maple) 60 ft. Zone III. Dense, round-headed.

4 to 5 ft. ...5 for \$6.25, 100 \$100.00
6 to 8 ft. ...\$6.00 each, 10 \$ 55.00
8 to 10 ft. \$8.50 each, 10 \$ 75.00

—**Crimson King**. A form with dark purple leaves that holds color all summer (Pat. No. 735).
5 to 6 ft.\$7.00 each, 10 \$60.00

palmatum atropurpureum (Red-leaved Maple). 10 ft. Shrubby.

—**Bloodgood**. Grafted form, very red leaves all summer. The best.

*10 in. 1 yr. \$3.50 each, 10 \$30.00
15-18 in. X.....\$5 each, 10 \$45.00
2-3 ft.\$7.50 each, 10 \$65.00

—**atropur dissectum** (Cutleaf red).

12-15 in. graft....\$5 ea., 5 \$20.00

AESCULUS pavia (Red Buckeye). 35 ft. Zone V. Bright red flowers. Neat, handsome, tolerant.

*1-1½ ft. X....\$2.50 ea., 10 \$20.00

Carnea Briotti (Red Horsechestnut). 50 ft. Zone III. Showy red in May. Rare and beautiful.

5-6 ft.\$16.00 each

ALBIZZIA julibrissin rosea (Hardy Mimosa). Bushy tree. 18 ft. Zone V. Very rare. Interesting pink flower, when blooms are scarce in July.

3 to 4 ft.\$5.00 each, 5 \$20.00

BETULA alba (European White Birch). 40 ft. Zone II. Good white bark. Spreading. Very tolerant tree.

6 to 8 ft.\$4.50 each, 10 \$35.00
4 to 5 ft.5 \$15.00, 100 \$250.00

—**Other Birches**, page 8.

CERCIS canadensis (Red Bud). 20 ft. Zone IV. Rosy pink buds cover bare branches in April. Humus. Beautiful. Part shade.
 *12 in. S....25 for \$3.00, 100 \$9.00
 3-4 ft. X....\$2.50 each, 10 \$18.00
 5 to 6 ft. \$5.00 each, 5 for \$20.00

—**alba** (White Bud). Very rare, showy white form of Red Bud.
 2-3 ft.\$8.50 3-4 ft.\$10.00

chinensis (Chinese Red-bud). 40 ft. Zone VI. More, larger, darker flowers than our native.
 3-4 ft.\$3.25, 10 for \$20.00

CHIONANTHUS virginica (White Fringe). 25 ft. Zone IV. Fragrant white tassels in May. A slow tree, but worth waiting for. Good drainage.
 *12 in. X....2 for \$3.00, 10 \$10.00

—**retusus**. 18 ft. Zone V. Similar, and as handsome as the above. Blooms June-July, when few trees bloom, and for this reason very desirable. Rare.
 *3 in. pot....2 for \$3.95, 10 \$16.00

CLADRASTIS lutea (Yellow-wood). 50 ft. Zone III. Showy white, fragrant, June. Stands drought fairly well. Fine native.
 *12 in. X....2 for \$3.00, 10 \$10.00
 4-6 ft. ..\$5.00, 10 \$40.00, 100 \$350

CRATAEGUS cordata (Washington Thorn). 2 ft. Zone IV. Round head, bushy. Red fruit all winter.

2 to 3 ft. X....\$2.50, 10 for \$18.00
 5 to 6 ft. X....\$4.50, 10 for \$35.00

—**oxycantha splendens**. (Paul Scarlet Hawthorne). 20 ft. Zone IV. Showy red flowers. Red berries. Prefers sun, lime, and heavy soil—even clay. In light soils, manure.

*2 to 3 ft. X....\$3.50, 5 for \$15.00
 4 to 5 ft.\$5.00, 5 for \$22.50

CORNUS—The Flowering Dogwoods

florida (Flowering Dogwood). 25 ft. Zone IV. Very showy white in May, large red berries October on. Acid, humus. No more sensational sight in bloom.

—**plena** (Double Dogwood). Rare form, showy double white.

—**rubra** (Pink Flowering). Pink tone. Plant in with white for best effect.

—**New Super-Red**. The nearly-red Dogwood. New. Much darker.

kousa (Japan Flowering Dogwood). 20 ft. Zone V. Like our native *C. florida*, but in June.

—**chinensis**. Form of Kousa with larger, whiter flowers.

*12 inch25 \$ 4.00
 2 ft. X\$3.50, 10 \$16.00
 3 ft. X\$3.50, 10 \$30.00
 4-5 ft.\$5.00 each
 6 ft.\$8.50 each

*12 inch X.....5 \$12.00
 2½-3 ft.\$5.50 each

*12-15 in. X..5 for \$11.00
 2 ft.\$5.75, 10 \$50.00
 4-5 ft.\$9.50 each

*6-12 in. X...5 for \$9.00
 2-2½ ft.\$7.00 each

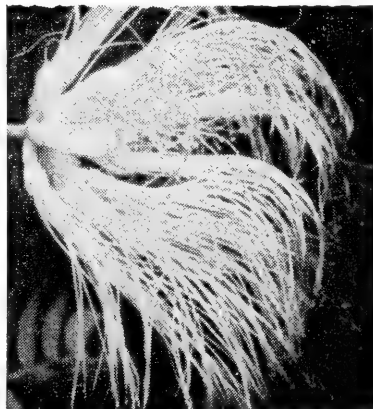
*12-18 in. S....5 for \$4.50
 1½-2 ft.\$4.50 each
 3-4 ft.\$7.50 each

18-24 in. X.....\$5.75 each



Cornus florida

Below: **ALBIZZIA**



CORYLUS avellana (Filbert). 20 ft. Zone III. Good nuts. A fine shrubby tree.

*12 in. S 10 for \$6.00, 100 \$45.00
 3 feet\$4.50 each, 5 \$15.00

FAGUS sylvatica riversi (Purple Beech). 80 ft. Zone IV. Reddish-purple leaves. Handsome.
 *10-15 in. X...2 for \$5.00, 10 \$20
 4-5 ft.\$16.00 each

FRAXINUS americana (White Ash). 100 ft. Zone III. Vigorous tolerant.

*12-18 in. X 25 \$2.50, 100 \$ 6.00
 4-5 ft.5 \$6.25, 100 \$120.00
 6-8 ft.\$4.00 each, 5 \$ 10.00

Ornus (Flowering Ash). 70 ft. Zone V. Many panicles of fragrant white in June.

*12 in. S..10 for \$8.00, 100 \$55.00
 2 to 3 ft.\$4.00, 10 for \$30.00
 4 to 5 ft.\$6.50, 10 for \$50.00

GINGKO biloba (Maidenhair Tree). 100 ft. Zone IV. Slow, but tolerant of city conditions.

*12 in. S.....10 \$7.50, 100 \$55.00
 *2 ft. X....2 for \$5.50, 10 \$25.00
 3-4 ft. X....\$3.75 each, 5 \$15.00

GLEDITSIA tricanthos inermis (Thornless Honey-Locust). 100 ft. Zone IV.

*12-18 in. 25 for \$2.75, 100 \$9.00
6 to 8 ft.\$5.50 each, 10 \$40.00

—**Moraine Locust**. Form with no thorns and no fruit, hence does not litter a lawn. A useful tree.

5-6 ft.\$6.50 each, 5 \$25.00

HALESIA monticola (Mountain Silverbell). 60 ft. Zone V. Many whitebells in May. Acid, humus.

5 to 6 ft.\$5.50, 5 for \$22.50

2 to 3 ft. 3.00, 5 for \$12.50

—**tetraptera**. (Great Silverbell). 25 ft. Zone IV. White in May.
4 to 6 ft.\$5.50, 5 for \$22.50

KOELREUTERIA paniculata (golden rain). 25 ft. Zone V. Sun, lime, dry. Large yellow clusters in July, showy.

12 in. S....10 for \$6.50, 100 \$50.00

4 to 5 ft.\$5.50 each, 10 \$45.00

5 to 6 ft.\$6.50 each, 10 \$55.00

LABURNUM vossi (Hybrid Golden Chain). 35 ft. Zone V. Yellow in May. Lime. Bright green stems in winter.

4 to 5 ft. \$5.75 each, 5 for \$27.50

MAGNOLIA stellata waterlily—double pink-white, April. 12 ft. Zone V.

12 to 15 in. X \$5.00, 5 for \$20.00

2-3 ft.\$8.00, 5 \$37.50

soulangeana (Saucer Magnolia). 20 ft. Zone V. Late April show of large pink blossoms.

3 to 4 ft. BB....\$7.50, 5 for \$34.00

glauca (Swamp Laurel). 16 ft. Zone V. Prefers moist, but tolerant. Semi-evergreen. White blooms June to August. Fragrant.

*2¼ in. (pot)....10 \$6.50, 100 \$45

18 in. (4-in. pot) 2 for \$4, 10 \$15

2-3 ft. BB.....\$8 each, 5 \$35

macrophylla (Big-leaf Magnolia). 60 ft. Zone V. 18-inch leaves, foot-wide flowers May, fragrant.

5 ft. X.....\$6.00, 5 for \$22.50

FLOWERING FRUITS

FLOWERING CRABAPPLES

Vigorous, hardy, and breath-taking. Zone III to V. Easy to grow. Showy in May. Any one kind priced:—

*1 yr. grafts

.....5 \$6.50, 25 \$25.00

2 ft.\$1.95, 10 \$15.00

4 ft.\$3.00, 10 \$25.00

MALUS Floribunda. 18 ft. Pink, white.

Hopa. Entirely covered. Rose blooms, red fruit. Zone III.

Lemoine. Purple leaf, red flower and fruit.

Almey. Bright red flowers and fruit. New. Outstanding.

Zumi calicarpa. Large pinkish. Fruit red. Popular.

Baccata columnaris. Narrow column. Red bloom, scarlet fruit.

Jay Darling. Red leaf, flower, fruit. Good jelly.

FLOWERING CHERRIES

PRUNUS kwanzan. Zone V. 20 ft. Darkest pink. Fully double, large flowers.

3-4 ft....\$4.50 each, 5 \$20

4-5 ft.\$5.50 each, 5 \$25

subhirtella pendula (Weeping Cherry). In May, a fountain of pink. 12 ft. Zone V.

4 to 5 ft. \$5.50 each, 5 \$20

FLOWERING PEAR

Pyrus calyryana. 20 ft. Zone V. Very shapely, glossy leaf, showy white in May. Superb.

4-5 ft.\$10.00 each

METASEQUOIA (Dawn-redwood). Deciduous. The new living fossil conifer from western China. Hardiness probably Zone III. One of the rarest trees.

1-1½ feet\$7.00, 5 \$32.00

3 to 4 feet\$14.50 each

OXYDENDRUM arboreum (Sorrel Tree). 30 ft. Zone IV. Peach leaves turn red in autumn. Long clusters of white in July. Acid.

*12-18 in. X

.....\$1.50, 10 \$12.50, 100 \$95.00

4-5 ft. X.....\$3.50, 10 for \$17.50

PHELLODENDRON amurense (Amur Cork-tree). 50 ft. Zone III. One of the best small shade trees. Conspicuous gray bark.

2 to 3 ft. X \$2.25 each, 10 \$15.00

4 to 5 ft. X \$4.50 each, 10 \$35.00

PLATANUS occidentalis (Sycamore). 120 ft. Zone IV. Giant, dignified native shade tree. Tolerant but prefers moisture.

*12 in. S....25 \$ 3.00, 100 \$ 9.00

4-5 ft. 5 \$ 6.25, 100 \$ 95.00

6-8 ft. 5 \$11.25, 100 \$175.00

8-10 ft.\$6.00 each, 10 \$ 30.00

QUERCUS coccinea (Scarlet Oak). 80 ft. Zone IV. A neater Red Oak, finer autumn leaf.

*12 in. S..25 for \$6.50, 100 \$20.00

*4-6 ft.5 \$12.50, 100 \$180.00

6-8 ft.\$9.50 each, 10 \$80.00

rubra (borealis) (Red Oak). 60 ft. Zone IV. Likes clay. Handsome, vigorous, hardy.

*12-18 in. S..25 \$6.50, 100 \$20.00

*4-6 ft.\$12.50, 100 \$180.00

6-8 ft.\$9.50 each, 10 \$80.00

palustris (Pin Oak). 90 ft. Zone IV. Damp or dry soil. A fine street tree. Fast-growing.

*12 in. S....25 \$6.50, 100 \$ 20.00

4-5 ft.5 \$17.00, 100 \$300.00

6-8 ft.\$6.50 each, 10 \$ 50.00

POPULUS bolleana (Bolleana Poplar). 40 ft. Zone II. Narrow column, hardy and disease-free. Better than Lombardy. Green leaf, white beneath.

4 ft.5 \$8.50, 100 \$150.00
6 ft. ..\$4.50, 10 \$32.00, 100 \$250.00

nigra italica (Lombardy Poplar). 60 ft. Zone II. Quick column. Popular.

*18-24 in.25 \$3.50, 100 \$10.00
5 to 6 ft. \$1.50, 10 \$8.50, 100 \$65.00
6 ft.\$2.00, 10 \$15.00, 100 \$100

SALIX babylonica (Babylon Weeping Willow). 30 ft. Zone V. Neat green fountain.

*1½ ft.25 \$7.50, 100 \$ 25.00
*4 ft.5 \$6.25, 100 \$110.00
6 to 8 ft.\$3.75 each, 10 \$ 25.00

—**blanda** (Wisconsin Weeping). More vigorous hybrid of Babylonia. Spreading head, weeping. Zone IV. Near, but not in water.

*4 ft.5 \$6.25, 100 \$110.00
6 to 8 ft.\$4.00 each, 10 \$ 30.00

—**niobe** (Golden Weeping). 40 ft. Zone II. Drooping yellow.

4 to 5 ft.5 \$6.25, 100 \$110.00
6 to 8 ft.\$5.00 each, 10 \$ 35.00

SOPHORA japonica (Pagoda Tree). 75 ft. Zone IV. White in August. Showy and rare.

*12 in. S....10 for \$4.80, 100 \$32.00
4 to 5 ft.\$6.75 each, 5 \$32.50

SORBUS aucuparia (European Rowan Tree). 30 ft. Zone II. Clusters of orange, in August.

*12 in. S....25 \$9.50, 100 \$30.00
2 ft. X.....10 \$10.50, 100 \$78.00
4 ft.\$3.50, 10 \$25.00, 100 \$195.00
6 to 8 ft.\$4.50, 10 for \$35.00

SYMPLOCUS paniculata (Sweetleaf). 35 ft. Zone V. Showy white flowers in May, brilliant blue berries in Sept.

1½ to 2 ft. X.....\$3.00, 2 for \$5.50
2 to 3 ft. X.....\$4.00, 2 for \$7.50

STEWARTIA ovata (pentagyna). 18 ft. Zone V. Showy white cups July-Aug. Leaf orange in fall. Handsome small tree.

2-3 ft.\$3.50 3-4 ft.\$5.00

pseudocamellia. 60 ft. Zone V. White cups in July. Good foliage turns purple in fall.

2 to 3 ft.\$6.00, 5 for \$20.00
4 to 5 ft.\$8.50 each

TAXODIUM distichum. (Bald Cypress). 80 ft. Zone V. Graceful, feathery pyramid. Very fine shade tree. Tolerant.

*18 in. S.....5 for \$4.00, 25 \$15.00
4 to 5 ft. X....\$4.50 each, 10 \$35.00

TILIA americana (American Linden). 100 ft. Zone II. Fine, large tree. Vigorous.

*2 ft. X.....10 \$ 9.50, 100 \$ 85.00
4-5 ft. X.....10 \$18.50, 100 \$145.00
6-8 ft.\$6.75 each, 10 \$ 35.00

Cordata (Little-leaf European Linden). 90 ft. Zone III. Handsome, dense foliage.

*12 in. S.....25 \$12.00, 100 \$40.00
3-4 ft. X.....\$3.50, 10 for \$25.00
6-7 ft.\$8.00, 10 \$70.00, 100 \$650

ULMUS americana (American Elm). 100 ft. Zone II. Most beautiful native tree. Tolerant, even of flooded land. Subject to blight near New York.

*2 ft.25 \$3.00, 100 \$ 9.00
5-6 ft.5 \$9.00, 100 \$150.00
6-8 ft.\$5.50 each, 10 \$ 30.00

pumila (Siberian or Chinese Elm). 45 ft. Zone IV. Neat, small, bushy tree. Very tolerant of dry land. Permanently desirable tree. Makes an excellent sheared hedge. Avoid clay soils.

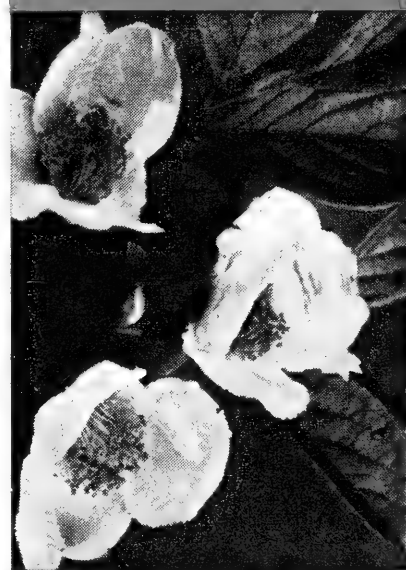
*2-3 ft. S.....25 \$4.00, 100 \$10.00
4-5 ft.5 for \$15.00, 100 \$110
6-8 ft.\$3.75, 10 \$25.00, 100 \$195



Weeping Japan Cherry

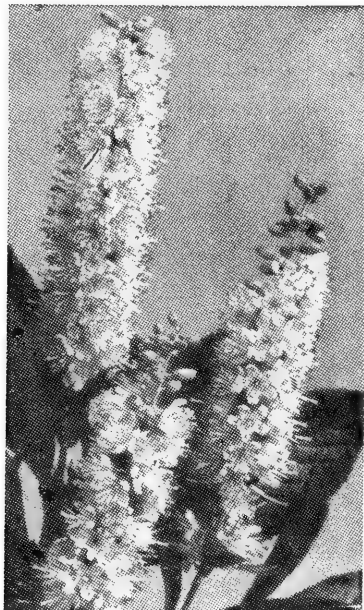


Chinese Elm



Stewartia ovata

DECIDUOUS FLOWERING SHRUBS



Clethra alnifolia



Enkianthus



Amelanchier

PRUNING SHRUBS—Flowers come on old wood, so the rule is to prune when in bloom or just afterward. Thus no potential bloom is lost. Natural shrub shape is to have many main stems in a clump all ascending from the ground, so prune out old branches.

ABELIOPHYLLUM distichum (White "Forsythia"). Zone V. 3½ ft. White Apr. Drain, sun.
2 to 3 ft.\$4.25, 3 for \$9.50

AMELANCHIER Canadensis. 20 ft. Zone IV. Thin, bushy shrub or tree. Gay white show in April; edible fruit July.

*12 in.25 \$5.00, 100 \$16.00
3-4 ft.\$3.00 each, 10 \$25.00

—**grandiflora rosea.** Larger flowers, pink. Very handsome.

1 to 2 ft. X\$3.25, 5 for \$15.00

BENZOIN aestivale (Spice Bush). 12 ft. Zone IV. Damp. A mist of pale yellow in April. Red berries.

*12-18 in.25 \$5.00, 100 \$16.00
2-3 ft.\$1.75 each, 10 \$15.00

BERBERIS thunbergi (Japanese Barberry). 5 ft. Zone IV. Very tolerant. Bushy; red berries.

*6-12 in. S.....24 \$4.00, 100 \$12.00
*12-18 in. S....10 \$2.50, 100 \$18.00
12-15 in. X.....10 \$5.00, 100 \$40.00

—**Atropurpurea.** Red leaf form.

*6-12 in. S.....25 \$9.00 100 \$22.00
18 in. X \$1.25, 10 \$9.00, 100 \$85.00

—**Crimson Pygmy.** Very dwarf, purple-leaf. Outstanding. New.

*2 in. pots.....10 \$7.50, 100 \$60.00
8-10 in.\$2.40, 10 \$19.00

CALYCANTHUS floridus (Sweetshrub). 9 ft. Zone IV. Fragrant brown in June.

*12 in. S.....10 \$2.50, 100 \$ 9.00
2 ft. X....\$1.50, 10 \$9.00, 100 \$75.00

Bloom young, usually in second year. But after ten years they need more space. So plant 3 feet apart and arrange that every second shrub can be removed in later years. (Dwarf shrubs take just half this spacing.)

BUDDLEIA (Butterfly Bush). Zone V. 6 ft. June-Aug. Drain.

—**charming.** Pink.

—**Dubonnet.** Wine-red.

—**Ile de France.** Claret purple.

—**Blue Wonder.** Real blue.

—**White Spear.** White.

Prices on above 5 varieties ppd.
2 yr.\$1.45 each (any 2 \$2.50)

CHAENOMELES japonica (Japanese Quince). 4 ft. Zone IV. Sun. Bushy dwarf. Scarlet flowers in April. A tolerant ornamental shrub. Slow growth.

*12 in. S....25 for \$4.50, 100 \$13.50
2 ft. X \$1.35, 10 \$11.00, 100 \$95.00

CLETHRA alnifolia rosea (Summer Sweet). 7 ft. Zone III. Pink fragrant spikes vary from July to August. Acid soil.

*(Pot) 12 in.5 \$4.50, 100 \$65.00
2-3 ft.\$2.85, 10 \$22.00, 100 \$180

—**barbinervis** (Japanese). 20 ft. Zone V. White, fragrant. Aug. to October.

*2 in. pot 5 ppd. \$5.50, 100 \$65.00
12-15 in.\$1.50 each, 10 \$13.50

CORNUS mas (Cornelian Cherry), 20 ft. Zone IV. Yellow bloom April. Scarlet berry August. Tolerant.

*6-12 in. S 25 for \$8.00, 100 \$25.00
2-3 ft.\$2.25 each, 10 \$18.00

CORYLOPSIS sinensis. 15 ft. Zone V. Fragrant yellow, April. 18-24 in.\$3.25 each, 5 \$12.00

DEUTZIA gracilis. 3 ft. Zone IV. Drain. Dainty mass of white. May.

*4-6 in. X.....10 \$5.00, 100 \$30.00
15-18 in. \$1.75, 10 \$15.00, 100 \$95

—**rosea.** Pink flowers.

12-15 in. X \$1.50 each, 10 \$12.50

ELEAGNUS angustifolia (Russian Olive). 20 ft. Zone II. Drought-resisting. Yellow berries in September.

*12-18 in. S.....25 \$3.00, 100 \$9.00
3 ft. X \$2.00, 10 \$15.00, 100 \$130

ENKIANTHUS campanulatus. 15 ft. Zone IV. Red-veined yellow flowers in May. Brilliant red autumn leaves. Humus, acid.

*2 in. pot.....10 \$6.50, 100 \$40.00
18-24 in. X.....\$2.50 each, 5 \$10.00

EUONYMUS alatus compacta (Winged Euonymus). 5 ft. Zone III. Pink-crimson autumn leaves. Very showy. Neat, dense form.

*6-8 in. X.....10 \$7.50, 100 \$60.00
1½-2 ft.\$2.75 each, 10 \$25.00

FORSYTHIA Beatrix Farrand. 6 ft. Vigorous. 2-inch flowers, huge deep gold with orange markings. Splendid.

*6-12 in. X10 \$8.50, 100 \$55.00
2-3 ft.\$2.25 each, 10 \$15.00

Lynwood Gold. 7 ft. Zone V. Very many, very large, very deep yellow blooms. New, outstanding.

*1 yr. cuttings 10 \$7.50, 100 \$ 55
2 ft.\$2.00, 10 \$16.00, 100 \$135

spectabilis. More, larger, yellow flowers. Zone V. 8 ft.

*12 in.25 \$4.00, 100 \$12.00
2 ft.\$1.50, 10 \$7.50, 100 \$55.00

HAMAMELIS mollis (Chinese Witch-Hazel). Very showy yellow. Feb. and March. 20 ft. Zone V.

2-3 ft.—\$6.00 3-4 ft.—\$8.00

virginiana (Winter Witch-Hazel). 12 ft. Zone IV. Yellow in Nov.

*12 in. S.....25 \$ 5.00, 100 \$15.00
2-3 ft. \$1.50, 10 \$10.00, 100 \$85.00

ILEX verticillata (Winterberry). 15 ft. Zone III. Dampness preferred. Many red berries.

*12-18 in. S....25 \$5.00, 100 \$15.00
2-3 ft.\$1.95, 10 \$16.00, 100 \$125
3-4 ft.\$2.75, 10 \$22.00, 100 \$175

LIGUSTRUM amurense (Amur Privet "North"). 12 ft. Zone V. Almost foolproof.

*12 in. (2 Br.) 25 \$3.50, 100 \$10.00
1½ ft. (3 Br.) 25 \$6.50, 100 \$20.00
3 ft. (4 Br.)10 \$7.50, 100 \$45.00

Ibodium (Hybrid). 12 ft. Zone V. Like California, but hardier.

*12 in. (2 Br.)25 \$3.50, 100 \$10
1½ ft. (3 Br.)25 \$6.50, 100 \$20
3 ft. (4 Br.)10 \$7.50, 100 \$45

LONICERA fragrantissima. (Winter Honeysuckle). 6 ft. Zone V. Yellow, fragrant, April; red berries, July. Semi-evergreen.

*12-18 in.25 \$5.00, 100 \$15.00
2-3 ft.\$1.35, 10 \$7.50, 100 \$50.00

Zabelli (Red). Fine color form of tatarica. 8 ft. Zone IV. June.

*12-18 in.25 \$ 7.00, 100 \$25.00
2 ft.\$1.55, 10 \$11.00, 100 \$90.00

MYRICA carolinensis (Bayberry). 6 ft. Zone II. Shapely rounded bush. Barren soils.

*6-12 in. S....10 \$ 6.00, 100 \$ 45.00
12 in. BB.... 5 \$12.00, 100 \$150.00

PHILADELPHUS virginal. 8 ft. Zone V. Double, fragrant, white blooms load the bush in June. Then a few show through summer.

2 ft.\$1.50, 10 \$12.50, 100 \$95.00

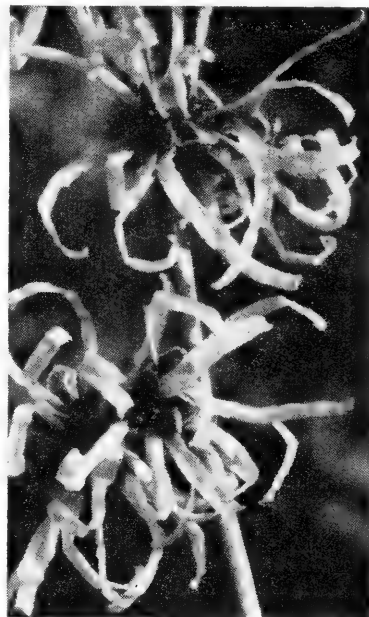
Frosty Morn. 4 ft. Zone IV. White, double, fragrant, July. Fine new dwarf.

18-24 in.\$2.00 ppd., 5 \$9.00

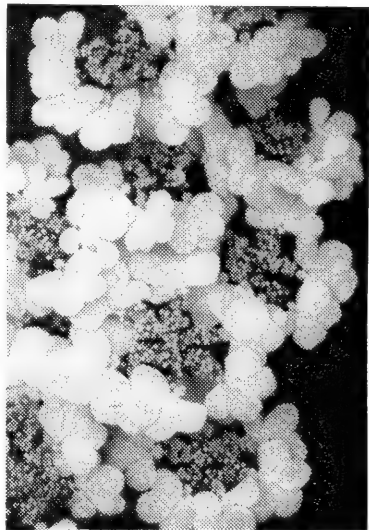
PHOTINIA villosa (Christmas Berry). 20 ft. Zone IV. Drain, sun. White in May. Showy red fruits. Birds love it.

*8 in. S10 \$6.00 ppd., 100 \$30.00
3-4 ft.\$2.50 each, 10 \$20.00

PLANTING SHRUBS



hamamelis mollis



viburnum tomentosum

RHAMNUS frangula. 15 ft. Zone II. Shiny leaves. August a load of red-purple fruit.

3 ft. X.....5 for \$3.50, 100 \$48.00

SPIRAEA Van Houttei (Modern "Bridal-wreath"). 6 ft. Zone IV. Familiar everywhere for the white May garlands.

*12-18 in.25 \$4.00, 100 \$12.00

1½ ft. \$1.00, 10 \$6.50, 100 \$40.00

VIBURNUM burkwoodi. 5 ft. Zone V. New hybrid, with fragrant pink blossoms in May, borne young. Half-evergreen.

*2¼ in. pot5 \$5.50, 100 \$75.00

2 ft. (pot) \$4.00 ea., 5 for \$15.00

theiferum. 12 ft. Zone V. Bright red autumn fruit. Very showy.

*6-12 in. S 10 ppd. \$5.00, 100 \$25

2-3 ft.\$2.25 each, 10 \$18.00

—**auranticum**— form with bright yellow fruit. Rare and fine.

*8-15 in. X.....\$2.00, 10 \$15.00

2 ft.\$4.00 each, 10 for \$35.00

tomentosum (Doublefile Viburnum). 10 ft. Zone IV. Horizontal strings of snowy blooms in June.

12-18 in. S..25 \$12.00, 100 \$45.00

2-3 ft.\$2.25 each, 10 \$15.00

—**plicatum** (Japan Snowball). Form without fruit, but showier.

2-2½ ft.\$1.95 each, 10 \$15.00

trilobum (American High-bush Cranberry). 12 ft. Zone II. Bright berries all winter. Fall color.

*12-15 in. S..25 \$8.00, 100 \$25.00

2 ft. \$1.75, 10 \$15.00, 100 \$125.00

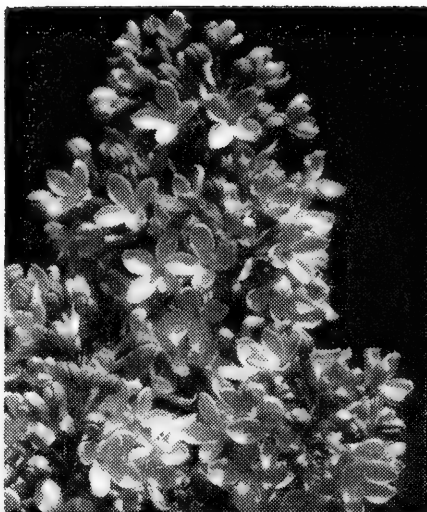
WEIGELA rosea. 9 ft. Zone V. May. Pink. Drainage.

*12-18 in.25 \$5.00, 100 \$15.00

2-3 ft. \$1.50, 10 \$9.00, 100 \$50.00

—**Vanicecki.** Bright red blooms. June to August and plenty of them. Splendid new variety.

2-3 ft.\$1.95 each, 10 \$15.00



SYRINGA—the Lilacs

All prefer fall planting to Spring, since they bud early. All tolerant, but need extra lime.

NAMED FRENCH LILACS

Huge fragrant trusses in many colors. Both "S" (Single) and "D" (Double) forms are charming. Ratings below are by experts—10.0 would be perfect. Color notes are mere indications.

Any 5 for

\$9.50 postpaid. (25 OR MORE AT \$1.00 EACH)

—**Charles Joly** (6.8) Double Red

—**Charles Tenth** (6.8) Single Red

—**Des Fontaines** (6.1) D. Violet

—**Ludwig Spaeth** (7.8) S. Reddish

—**Mme. Casimir Perier** (6.3) D. White

—**Mme. Florent Stepman** (6.8) S. White

—**Mme. LeMoine** (6.6) D. White

—**Michael Buchner** (7.2) D. Pink

—**Pres. Grevy** (6.9) D. Blue

—**Thunberg** (6.9) D. Pinkish

—**Vestale** (8.5) S. White. Outstanding

—**Volcan** (6.7) S. Reddish

—**Waldeck Rousseau** (6.7) D. Pink-Lavender

OLD-FASHIONED LILACS

COMMON PURPLE

Syringa Vulgaris

15 ft. Zone III. Fragrant purple.

*12 in. S.....10 \$5, 100 \$18

2 ft.\$1.75, 10 \$13

COMMON WHITE

S. Vulgaris Alba

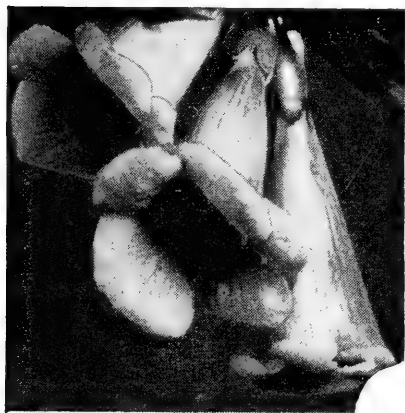
Same, but neater-growing bush and white flowers. Handsome.

2 ft.\$2.50, 10 \$20.00

VINES

**Plant late, in
November-December**

Photo: Trumpet-Vine



AMPELOPSIS brevipedunculata (heterophylla). Vigorous vine. Zone IV. Showy bright blue berries, Sept.-Oct. Called "Porcelain Ampelopsis." An excellent vine. Tolerant.

4 year\$3.25 ppd., 10 for \$20.00

CAMP SIS radicans (Trumpet Vine). 60 ft. Vine. Zone V. Scarlet flowers. July to Sept. Prefers humus.

2 year\$1.50 each, 5 \$5.00

—**Mme. Galen.** Orange and apricot. Gorgeous, showier. Hybrid.

2 year\$3.50 each, 5 \$10.00

CELASTRUS scandens (American Bittersweet). 20 ft. Zone IV.

*12-in. S 10 for \$2.75, 100 \$12.50
2 year\$1.75 each, 10 for \$12.00

HYDRANGEA petiolaris (Climbing Hydrangea). 35 ft. Vine. Zone III. Self-climbing. Handsome white in June.

2 year\$3.75 each, 5 for \$15.00

PARTHENOCISSUS tricuspidata (Boston Ivy). 40 ft. Zone V. Self-clinging. Fall color.

2 year X.....\$1.75, 10 \$10, 100 \$85

POLYGONUM auberti (Silver Lace Vine). 25 ft. Zone V. Amazingly fast. White September and October.

2 year\$1.75 each, 5 for \$6.00

WISTERIA floribunda (multi-juga). 25 ft. Zone V. Fragrant purple long clusters, May-June. Humus, drain, sun.

2 year X..\$1.95 each, 5 for \$7.50

Hybrid Grapes

No permanent canes needed; only a short trunk or shank. Grapes grow on new wood, which is pruned away each year. Zone V.

Grape Culture calls for plenty of humus in the soil. Old manure is far the best form, to produce vigorous spring growth. Extra moisture is needed as fruits fatten in summer. Otherwise grapes may be small, dry.

The European Grape (*Vitis vinifera*) is far superior to our native grapes. However, it has not the stamina to withstand sub-zero weather and succumbs to disease, while our hardy native grapes remain immune. These hybrids combine American health with European flavors.



5 Popular Hybrids

\$2.00 each, 3 for \$4.50 ppd.

INTERLAKEN SEEDLESS

New hybrid seedless hardy in Zone IV. Very sweet, meaty and crisp. Amber color, tangy flavor. Ripens early (Sept. 1st).

ROMULUS SEEDLESS

New American-European hybrid to Zone IV. Mid-Sept. Yellow, sweet, meaty. Fine seedless variety.

GOLDEN MUSCAT

California type, fine aroma. Large juicy, sweet and tender. Zone VI.

STEUBEN (Blue-Black)

Exquisite flavor. Huge, long slender clusters. (Zone IV). Absolutely free from rot and mildew.

SEIBEL No. 9110

Yellow table grape of unusually fine dessert quality. Bears young.

FRUITS for Fall

UNUSUAL BERRIES

New American Mulberry

Ever - bearing, from June until September. Large, refreshing berries without the mawkish sweetness. Zone IV. 3 to 4 ft.

\$4.20 each, 10 \$35.00

Dwarf Juneberry

Amelanchier berries are known as "Bilberries" or "Serviceberries." Dark red fruit in July. This form grows 12 ft. Zone II.

1½-2 ft. plants:

\$2.25 each, 10 for \$15

Highbush Cranberries

Large fruited, heavy-yielding type of *Viburnum trilobum*—high in pectin. Zone I. Make sauce or jelly, same as with cranberries, but strain to keep out pits. 2 feet plants:

\$1.65 each, 10 \$13.50

Adams Elderberry

The large berries and extra fruit clusters are a decided improvement for pies, jam and wine. Zone IV.

1½ feet plants:

\$1.85 each, 10 \$15.00

All can be planted in Nov.-Dec., almost a year gained over next Spring and identical success. A sod mulch helps.

Huge Hybrid Blueberries

Really beautiful as specimens or in hedges. Suited for use in small quantities in the small garden. A 100-foot hedge will pay about \$25 worth of berries a year! (Spaced 18 ins.)

Why Wait? Plant Some NOW!

And enjoy the berries sooner. Not only will add to your garden but pay back cost many times over! Hardy throughout U.S.A.

NAMED KINDS	(Each)	(10)	(50)
3 yr., 12 to 18 inch	....\$2.00	\$15.00	\$50.00
3 yr., 18 to 24 inch	.... 2.75	18.50	65.00
4 yr., 2 to 3 ft. (bearing)..	3.50	25.00	90.00

MIXED: (All varieties are splendid eating)

12 to 18 inch	12.50	48.00
18 to 24 inch	16.50	60.00

Jersey. Large, vigorous. Hardest. Early July.

Rancocoas. Early, good quality.

Pemberton. Large, mild and bland.

Burlington. Large, latest of all.

Rubel. Tall grower, erect. Late.

Dixie. Huge, high flavor.

Weymouth. Earliest of all. Best for cooking.

Concord. Midseason. Upright. Fine quality.

Stanley. Early July. Tall. Large berries.

Set the plants in beds 4 feet apart. Several varieties should be included in planting, as an exchange of pollen is necessary to produce good crops of berries. Or order "mixed" for all varieties are almost equally fine.

Blueberries require an acid soil containing peat or other rotted vegetable matter. They need a moderate supply of soil-moisture.

SPACING FRUIT

Apple, Standard	30 by 30 ft.
Apple, Dwarf	10 by 10 ft.
Cherry	25 by 25 ft.
Peach or Plum	20 by 20 ft.
Pear, Standard	25 by 25 ft.
Apricot	12 by 12 ft.
Raspberry	2 by 4 ft.
Grape	8 by 10 ft.
Blueberry	4 by 6 ft.
Chestnut	30 by 30 ft.
Walnut	40 by 40 ft.

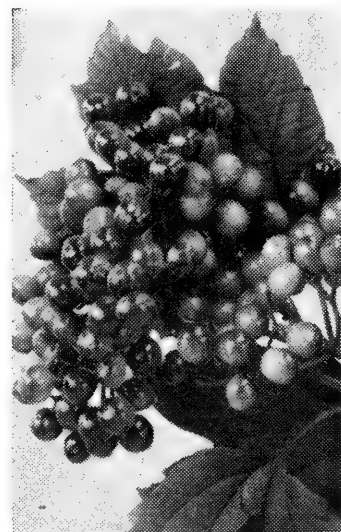


Photo: Highbush Cranberry

Below: Blueberry



NUT TREES

There are good nuts to be grown in the north. Chestnuts from seed are young, heavy bearers. The grafted Walnuts are hardier and also bear heavily and young. The first two years mulch well with hay or straw. Water if drought comes. Do not plant deeper than they were in nursery.

BLACK WALNUTS—Zone IV

One of our most beautiful native trees, growing well in any fertile well drained soil. The grafted sorts bear their first nuts commonly in the third to fifth year. **Thomas** is a rapid-growing kind. The meat is attractive and tasty, falls out easily in halves.

2 to 3 ft. ..\$2.75 each, 5 for \$11.75

ENGLISH WALNUT (Carpathian)

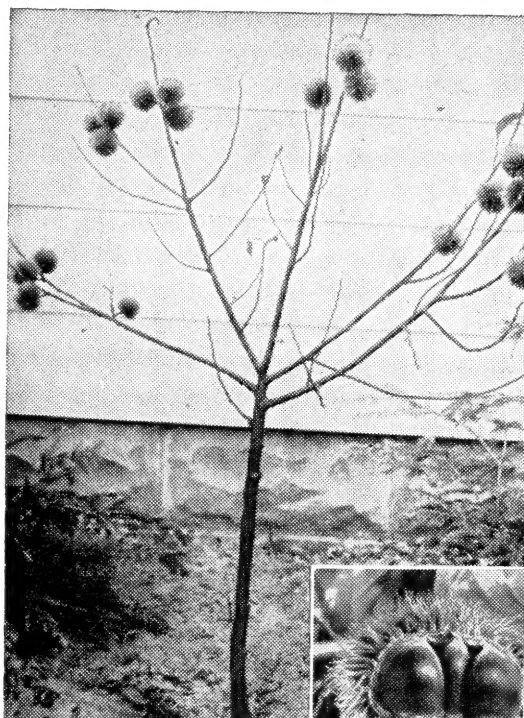
Fast growing to 30-35 feet. No spraying necessary. Good, flavorful nuts, easy to open. A boon for northern gardeners. Zone V. Glossy dark-green leaves.

2 to 3 feet....\$4.00 each, 5 for \$18

SHELLBARK HICKORY

Very tasty nuts on a large tree. Zone V. Damp soil.

*12 to 18 in. S....5 \$3.50, 100 \$30
3 to 4 ft.\$6.00 each



Chestnuts bear young—3½ foot tree, 50 nuts.

CHINESE CHESTNUT

(*Castanea mollissima*.)

Similar to the American in flavor (sweet) but inured to the Chestnut blight. Zone V. Bears very young. Needs cross pollinating, we will not sell less than 2 trees:

12 in. S ..25 for \$20.00, 100 \$65.00
3 feet X3 for \$7.50, 10 \$20.00
4-5 feet X2 for \$8.50, 5 \$13.50
6-7 feet (Bearing) 2 for \$12.95

European Filbert

Corylus avellina. 20 ft. Zone III. Good nuts, good dwarf tree.

*12 in. S....10 for \$6.00, 100 \$45.00
3-4 ft.\$4.50 each, 5 \$15.00

Hazelnut

Corylus Americana. 10 ft. shrub. Zone IV. Tasty nuts.

*6-12 in. S.....25 \$5.00, 100 \$15.00
3-4 ft.\$2.75 each, 10 \$20.00

UNUSUAL

Fruits

Beach Plum

Prunus maritima grows 6 to 8 ft. high, hardy into Zone III. Thrives in gardens better than on seashore. Good drainage. Fine useful plums.

18-24 in. \$1.95 each
3 \$5.00

MEDLAR

Mespilus germanica. Zone V. Small tree, with pear-like fruit, of unique, soft, acid flavor, must ripen after picking. A favorite of medieval days, still liked.

2 yr. grafts 3 to 4 ft., \$5.00, 3 for \$13.50

Native Persimmon

Diospyros virginiana makes a 20 foot tree, moist soil. Zone IV. Fruit late fall, like figs.

4 to 5 ft.2 for \$8.50

SELF-STERILE FRUITS

Many fruits do not bear good crops if planted separately. Pollen from nearby trees of different variety is often needed. Noted on next pages by:

•—self-unfruitful. Do not plant by itself, but with another variety of the same fruit.

(P)—Good pollenizer.

Dwarfed Fruits

Available in All Varieties Listed.

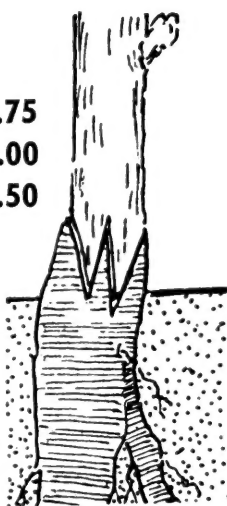
A tree whose fruit is as large or larger than ordinary, but which never grows very tall—perhaps ultimately 12 to 15 feet. Space 12 ft. apart.

PRICES: All kinds listed here:—
(50c packing on orders under \$10.00)

1 year—Not branched	\$2.75
2 year—Branched	4.00
3 year—Heavier	5.50

If extra dwarf apples wanted specify Malling 9.

Planting Depth should be so that the graft is just above the ground or an inch above. If too deep the scion develops its own roots and the tree is no longer dwarf. If too high, rootstock suckers.



Standard Fruits

Available in All Varieties.

APPLES—2-year, 5-6 ft. 11/16 in.	\$2.25
CHERRIES—2-yr., 4-5 ft. 11/16 in.	2.95
PEACHES—1-yr., 4-5 ft. 9/16 in.	2.00
PEARS—2-yr., 4-5 ft.	2.50
PLUMS—2-yr., 4-5 ft.	2.50
APRICOT—2-yr., 4-5 ft.	2.25
NECTARINE—1-yr., 3-4 ft.	2.40
QUINCE—2-yr., 4-5 ft.	2.50

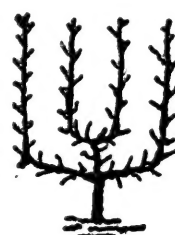
Espaliered Fruit

(Available in Apples, Pears only)

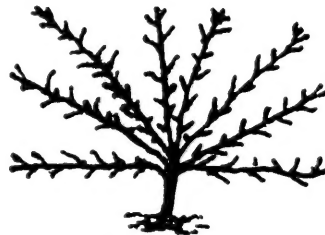
Ten to twelve feet is the maximum height to which true dwarf Espaliers will grow. Little pruning is needed—beyond keeping the small new spurs from reaching more than six inches outside of the main stems. When a spur has borne it will continue to bear. Pick the stem with the fruit.



U-Form
4 to 6 feet
(2 feet wide)
\$13.50 each



Four-Arm
5-6 ft. (hvy.)
(4 feet wide)
\$25.00 each



Fan-Shaped
6 to 8 feet
(8 feet wide)
\$22.50 each

Peach (Zone 5)

Needs annual pruning. Standard: Space 16 ft., bear 3rd year. Dwarf: Space 10 ft., bear 2nd year.

Belle of Georgia. White, rich flavor. Vigorous, productive. Sept. Extra hardy.

Elberta. Yellow. Fruit large firm. Good canning. Sept. 15.

Early Elberta. Similar, Sept. 5.

Golden Jubilee. Yellow. Aug. Extra hardy. Juicy, sweet.

• **Hale Haven.** A marvelous large yellow peach. Hardy. Delicious flavor. Early Sept.

Pears (Zone 4)

Dwarf: Space 12 ft., bear 3rd year. Standard: Space 20 ft., bear 6th year.

• **Bartlett.** Large, rich juicy, golden. Canning, eating. Sept.

• **Beurre Bosc.** Very large, rich, juicy. Late Sept.-Nov. Eating.

Duchess d'Angouleme. Extra large, greenish yellow, spotted. Excellent. Young bearer.

• **Clapp Favorite.** (P) Fruit large, pale, fine-grained, juicy. August.

• **Seckel.** Small, attractive. Blight-resistant. Sept.-Oct. Eating, pickles.

• **Gorham.** A Bartlett. October.

• **Anjou.** Large yellow. Tender, very juicy, spicy, rich. Eating. October.

Cherries

Need extra heavy pruning when planted.

SOUR (*P. Avium*) (Zone 4)

Early Richmond. Clear red, medium sized, June.

Montmorency. Largest, firm flesh. Disease resistant. Finest quality. June.

English Morello. Best late variety. Mid-July. Tart, large, red.

SWEET (*P. Cerasus*) (Zone 5)

• **Black Tartarian.** (P—Best.) Purplish black, juicy, rich flavor. June.

• **Windsor** ("Black Oxheart"). Large, dark, juicy, firm. July.

• **Napoleon** ("White Oxheart"). Rich, sweet yellow. Late June.

• **Schmidt Bigereau.** Huge black. Delicious. Early July.

Plums (Zone 3)

Trifloras and European varieties do not cross-pollinate.

TRIFLORAS (*P. Salicina*)

• **Abundance.** Red, medium sized. Flesh yellow, juicy. Vigorous, productive. Aug.

• **Burbank.** Red, medium sized. Flesh yellow, very juicy. Aug.

Santa Rosa. Large juicy red. August.

• **Formosa.** Large yellow. Sept.

EUROPEAN (*P. domestica*)

German Prune. Large, dark blue. August.

• **Lombard.** Medium-size, juicy, dark red. Hardy, prolific.

• **Reine Claude** (Bavay's Green Gage). Large yellow. Late Sept.

Stanley. Large dark blue prune. Annual bearer. Late Sept.

Damson. Small, purple. Cooking. Sept.

• **Shiro.** Gold, juicy, August.

• **Bradshaw.** Large dark violet. Annual bearer. Delicious quality. Sept.

Apples (Zone 2)

SUMMER APPLES

Red Astrachan. (P) Large striped red. Young biennial bearer. Eating, cooking.

Early McIntosh. (P—best for Northern Spy.) Like McIntosh. Biennial bearer. Eating, cooking, baking.

Yellow Transparent. Golden, juicy. Young biennial bearer.

Duchess Oldenberg. (P) Extra hardy, large striped. Biennial. Eating, baking.

AUTUMN APPLES

Gravenstein. Large striped red. Good quality. Eating, cooking.

• **McIntosh.** (P) Striped, aromatic flesh. Young annual bearer. Eating, cooking, baking.

• **Red McIntosh.** (P) Solid red. **Wealthy.** (P) Striped young annual bearer. Eating, cooking.

WINTER APPLES

• **Cortland.** (P—best for McIntosh.) Annual bearer. Eating, cooking.

• **Delicious.** (P) Crimson. Crisp tender, juicy. Annual bearer.

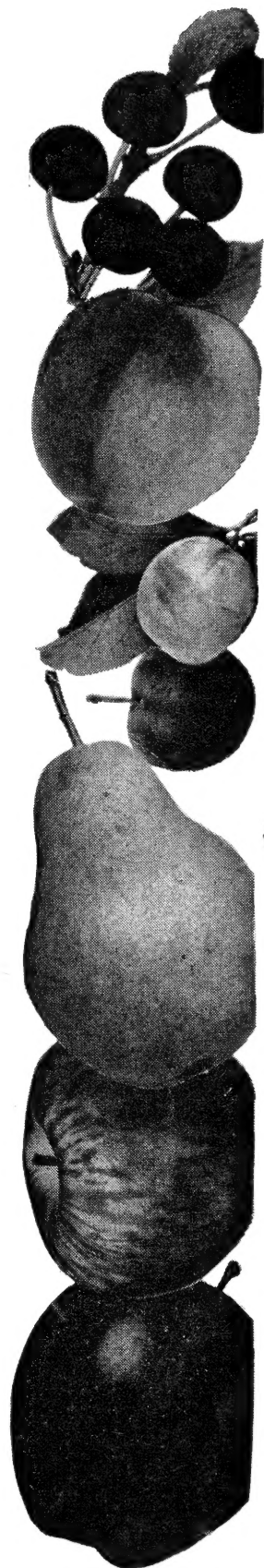
• **Golden Delicious.** Large, yellow. Marvelous flavor. Young annual bearer. Eating, cooking.

• **Northern Spy.** (P—for all but McIntosh). Large red, striped, high flavor. Annual bearer. Eating, cooking.

Jonathan. (P) Small, but crisp, juicy. Biennial. Eating.

Rome Beauty. (P) Annual bearer. Striped, large. Eating, cooking.

• **Stayman Winesap.** Young annual bearer. Zone V or South. Crisp, juicy. Baking, eating.



All kinds listed available in both dwarf and standard



BROWNELL } GUARANTEED TO BLOOM
SUB-ZERO }

ROSES

EACH: \$2.25
3 FOR \$6.25
DOZEN: \$22.00

Postpaid

Grandiflora Roses

This class, like Floribundas but with vigor and blooms like Hybrid Teas, is now made to order to fit these favorite Brownell varieties. Bloom all summer long.

★ **Pink Princess.** Bud red, flower deep pink. Free from premature defoliation.

Anne Vanderbilt. Exquisite coppery orange, red, informal, semi-double, fragrant.

★ **Lafter.** Sparkling orange and yellow, semi-double.

Lily Pons. Cream, large. Vigorous, free

Curly Pink. Clusters of large two-toned pink all summer. Vigor, health, and constancy.

★ **Dolly Darling.** Pink, sunset and rose blend. Extra vigor and health.

4 Brownell Floribundas

Everblooming, hardy, bushy clumps.

★ **Pink Bouquet.** Vigorous double pink.

Tomkins Red. Semi-double, velvet red.

★ **Orange Ruffels.** Glowing, soft luminous. Steady bloomer all summer. Large.

★ **Yellow Ruffels.** Similar, but a good nonfading yellow.

2 Brownell Creepers (June)

For ground cover on walls, on fences.

Apricot Glow. Coppery pink, brilliant. Double flowers.

Golden Glow. The spectrum yellow, very fragrant.

This new race of roses adds to unusual hardiness a character of improving with age, rather than slowly deteriorating as most hybrid teas do. Easy to grow and bring into bloom. Disease-resistant, unusually hardy.

HARDINESS: Zone IV, but roots will survive still colder climates. Even if tops damaged, new growth will bloom.

BROWNELL HYBRID TEAS

Shades of Autumn. Red and yellow.

Tip Toes. Spicy fragrance. Orange and pink.

Dick Wilcox. Deep red, magnificent vigor.

V for Victory. Large, double, yellow, fragrant, profuse.

Country Doctor. Large, recurved silvery pink satin.

Sun Up. Rich, clear china-rose.

Cedric Adams. Scarlet and crimson, large, double.

★ **Red Duchess.** Robust sturdy large red. Outstanding fragrance. Brilliant, free to flower.

Queen o' the Lakes. Sensational large crimson.

EVERBLOOMING PILLAR ROSES

Revolutionary combination of HT's and ordinary climbers never before obtained. Beautiful large HT blooms all summer. Sub-zero hardiness. Red, pink, apricot, yellow, white in various shades. Not yet named, sold only our selection of colors (one each color) 3 for \$10, 6 for \$20. If only one desired, price is \$4 each.

They grow sturdy like climbers, but not so high. May be kept cut back as bush form, or as specimen self-supported bushes 5 to 8 feet tall.

★ No More Black Spot!

Absolute resistance to this dread disease has been bred into seven of these roses:

Pink Bouquet

Yellow Ruffels

Dolly Darling

Red Duchess

Pink Princess

Orange Ruffels

Lafter



**One each—7 kinds
 \$14.50 postpaid**